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Cogswell, Howard L.
1948-50

1. Central California, primarily San Francisco Bay region, and Southern Calif., Oct. 8, 1948 - Dec. 26, 1950
   a. Catalog
   b. Journal
   c. Species accounts.

a.

Cogswell, H.L.
Catalog

CATALOG

3 pages

Cogswell

Catalog

(1948)

5 mi. E Vallejo, 300 ft., Solano Co., Calif.

October 19, 1948

1 o? im. Agelaius phoeniceus 43.1 gm.
(coll. by W. C. Russell)

October 26, 1948

(1949) 2 ♂ im. Agelaius phoeniceus (coll. by W. C. Russell) - 62.0 gm

February 22, 1949

3 ♂ ad. - Molothrus ater (coll. by J. P. Earl) ——

animal room, Life Sciences Bldg., Univ. of Calif., Berkeley, Alameda Co., Calif.

March 3, 1949

~~4 ♂ ad. - Rattus sp.~~ discarded. ——

[for nos. 5 thru 133 see Humboldt - Trinity Cos. notebook]

Oct. 18 3 1/2 mi. NNE Vallejo, 130 ft., Solano Co., Calif.

134 ♀ Capella gallinago 103.8 g.
(many small follicles, < 1 mm., in ovary)
(stomach contents: sand + organic debris)
- specimen placed in U.C. Dept. Zool. coll.

(1950)

Apr. 5 300+ ft., .8 mi. NNW Blackwells Corner, northwestern Kern Co., Calif.

135 ♀ ad. (sk.) Eremophila ~~actia~~ alpestris {largest ovum = 2 mm. —— large, bare brood patch, few blood vessels}

— 300 ft. 1.4 mi. S Lost Hills, Kern Co., Calif.

136 ♂ ad (sk.) Toxostoma lecontei L. testis = 11 mm. - insects in stomach. ——

—— } for succeeding nos. see (137-145) - So. Calif Notebook; and Donner Pass - Lake Tahoe - western Nevada notebook (#s - 146-150).

Cogswell
1950

Catalog

nos. 137-145 } in southern Calif. notebook (Feb-June, 1950)
nos. 146-150 } in Donner Pass - Lake Tahoe region notebook, including w. nevada notes (summer, 1950).

Sep. 17 between mouths of Wildcat & San Pablo Creeks, 5 ft. San Pablo, Contra Costa Co., Calif.

151 ♂ *Larus delawarensis* testis 5 mm., wt 511 g.
155 (L. wing only) - " " (sub-ad. plumage).

Sep. 17 Eastshore Highway, 12 ft., Berkeley, Alameda Co., Calif.

154 (L. wing only) - *Larus occidentalis* (1st winter plumage).
→ taken from carcass of bird killed by auto.

Oct. 1 Dimond Park, ft., Oakland, Alameda Co., Calif.

152 ♀ ad. sk. *Zonotrichia coronata* wt. 27.1 g.
- found dead by ; no injury evident.

Oct. 3 Walnut St. between Cedar & Virginia, 200 ft., Berkeley, Alameda Co., Calif.

153 ♂ ad. sk. *Dendroica aestiva* (= *petechia*) very fat; testis < 1 mm. wt. 11.7 g.
↔ coll. by Gus Rosenthal

Nov. 3 Oakland dump
San Francisco Bay shore, San Leandro, Alameda Co., Calif.

all coll. by R.E. Bailey:

156 (L. wing + tail) - *Larus delawarensis* (1st winter pl.)
157 (" ") " " (2nd " ")
158 (tail only) " " (" " ")
159 (L. wing + tail) *Larus californicus* (2nd winter pl.)
160 (" ") " " (3rd " ")
161 (" ") " " (adult pl.).

Nov. 12 San Francisco Bay shore N. of Pt. Isabel, Richmond, Contra Costa Co., Calif.

162 (L. wing only) - *Aythya marila* (taken from bird by unknown hunter)
163 (" " ") - *Aythya affinis* (" " " " " ")
164 ♀ *Squatarola squatarola* - moderate fat. wt. 231.5 g.
165 ♀ *Larus philadelphus* wt. 129.6 g.

Cogswell 1950

Catalog

Nov. 24 - 1+ mi. ENE Alviso, 10 ft., Santa Clara Co., Calif.

166 (L. wing + tail) *Larus argentatus* (1st winter plumage)

167 (" ") *Larus californicus* (1st winter plumage)

Nov. 24 - Alviso, sea level, Santa Clara Co., Calif.

168 ♀ *Erolia minutilla* wt. 16.3 g.

Nov. 27 Point Isabel, San Francisco Bay shore, Richmond, Contra Costa Co., Calif.

169 (tail only) *Larus occidentalis* (1st winter plumage)

170 (L. wing + tail). ♀. " " (2nd winter plumage) ovary small wt. 1110½ g.

171 (L. wing + tail) " " (3rd winter plumage) 1021 g.

172 (L. wing + tail) ♂ *Larus glaucescens* (1st winter plumage) testes 5+ mm. 1549 g.

173 ♀ *Larus canus brachyrhynchus* very fat. 374½ g.

Dec. 26 Berkeley, 250 ft., Alameda Co., Calif.

174 Skeleton ♂ *Pipilo maculatus* testes 1½ mm., wt. 41.9 g
(coll. by R.E. Bailey).

(for succeeding numbers,
(see So. Calif. notebook -- filed separately)

b.

Cogswell, H.L.
Journal

JOURNAL - 1948

Oct 8 - Dec. 20, = W. Central Calif (pp 1-31)
Dec. 20 - Dec. 30 = So. Calif. (pp 31-46)

+ Index to Vertebrate Species referred to therein - - - - - - - - (pp. 47-50)

Cogswell
1948

Journal

University of California and vicinity, Berkeley, Calif.
(all observations near Life Science Bldg. and thence to West Gate and Oxford St. unless otherwise noted).

Oct. 8 — Enroute, afoot to and from 1700 block of Walnut St. via West Gate. See entries under:

Anna Hummingbird - Calypte anna.
White-crowned Sparrow - Zonotrichia leucophrys.
Plain Titmouse - Parus inornatus
Robin - Turdus migratorius

Oct. 9 — near West Gate and Life Sciences Bldg. only

Oct. 10 - along access Highway from Pt. Isabel road to N. end of Golden Gate Fields, E. shore San Francisco Bay, Calif.

Estimate of shorebirds + gulls just commencing to feed on the few spots exposed by tide beginning to go out: (at 0930 - 0950 - C.D.S.T.)

Killdeer - ~~B~~	6
Black-bellied Plover -	50
Willet	300
Least Sandpiper	500
Red-backed Sandpiper	20
Western Sandpiper	3000
Marbled Godwit	150
Avocet	1
Glaucous-winged Gull ·	1 im.
Western Gull	10
Calif. Gull	##
Ring-billed Gull	#

Forster's Tern - 31.

Cogswell
1948

Journal

Oct. 10 (cont.) At this stage of ebb tide the ideal views of even the smallest "peeps" are obtained by sitting in the car and looking down at them.

Municipal Fishing Pier, Berkeley, Calif.

10:00-11:00 — While son Denis fished from near end of open part of pier (1/2 way out or so) Bessie and I watched birds that passed. Notes entered in species accounts for:

Phalacrocorax auritus
Melanitta perspicillata

We then drove via the bay bridge to San Francisco, Daly City and Highway #1 to:

"Shelter Cove" just N. of San Pedro Point, San Mateo Co. Calif.

12:00-12:40 — We parked at end of road on side of cliff which runs on out to the point and watched through increasingly foggy atmosphere over the ocean below. Chief items of interest:

Pelecanus occidentalis
Melanitta perspicillata
Larus heermanni
} which see in species accounts.

Princeton (N. end of Half-moon Bay), San Mateo Co. Calif.

13:30-16:15 — While Denis fished again (+ caught 5 perch) we watched for birds from the southernmost of the 2 piers, and later walked a short distance along the beach to the south. Observations of interest on the same 3 species as last above and also:

1 - Sterna hirundo (or paradisea?) → species acct.

Cogswell
1948

Journal

Oct. 10 (cont.) - We returned from San Mateo Co. coast via Crystal Springs Reservoir and San Mateo bridge. Many thousands of shorebirds on diked ponds near east end of bridge not estimated, but it looked like the biggest concentration I have yet seen in the whole bay region. Marbled godwits in one flock of nearly 1000.

Oct. 11 - University of Calif. (ONLY - near West Gate) Berkeley,
Dull cloudy day. Rained last night and few sprinkles today. Birds notably silent, except:

Orange-crowned Warbler (ssp.?) - heard calling
Robin - occasional calls
Red-shafted Flicker - 1 loud call (mid. P.M.)
Brown Towhee - 1 chased another in cedars just S. of West Gate in what was apparently a territorial infringement. The victor gave the "skittering" call afterward as it foraged on lawn alone.

Oct. 15 - I walked through eucalyptus grove & heard for first time this fall a:
Ruby-crowned Kinglet (see species acct.)
During lunch time I sat in my car along West Gate "circle" street and watched foraging actions of a Brown Towhee (see species acct).
4:30 - 5:00 P.M - I drove around the N. two-thirds of Berkeley Aquatic Park, the list of water birds seen being recorded in my roll book. Nothing spectacular.

Journal

Oct. 16 - Napa Valley, from Vallejo to Calistoga, Napa Co., Calif.
12:00 - 14:00 — With my family (wife, Bessie, + son, Denis) I drove along hi-way # 29, stopping only to observe birds of interest. Entries made in species accounts for:

Buteo jamaicensis Buteo swainsoni Asyndesmus lewisi Corvus brachyrhynchos Molothrus ater	complete list of species seen entered in roll book.

Potter Creek road, between Calistoga, Napa Co., and Santa Rosa, Sonoma Co., Calif. 14:00-15:00 Nice hill country through here, with a trickle of water yet in some of the stream beds. Open grassland + scattered oaks merging into dense oak-laurel in canyons and replaced (some places abruptly) by chaparral on higher slopes and peaks. No birds of particular interest, although at one point along Potter Creek I thought I heard an Evening Grosbeak (!!)
along Highway US-101, Santa Rosa, Sonoma Co. Calif. to San Rafael, Marin Co., Calif. 15:00-16:30 Simply drove most of way here. One interesting flock of Corvus brachyrhynchos (which see).

Oct. 24 - Pinole Valley, from Pinole to approximately 4 mi. SE thereof, Contra Costa Co., Calif.
Leaving Pinole about 2:20 P.M. we (Bessie, Denis, + I) drove along paved road up the valley to junction with cut-off going to San Pablo Valley N. of the reservoir.

Oct. 24 (cont.) The hills and fields all being dry and brown, and some even having been burned over, there were few birds except at the ranch houses. One spot where we stopped had a small pool of stagnant water in the creek bed, and here we saw more small birds than at any other place: 5 red-shafted flickers, 1 plain titmouse, a flock of bush-tits, and several Zonotrichia leucophrys ssp. Red-tailed hawks were exceptionally common all along (see sp. account).

At about 2½ mi. SE of Pinole a gray fox (Urocyon cinereoargenteus) trotted across the road in front of our car and into a cove filled with brush and rubbish. Upon stopping as quickly as we could, the only sign of it was a sliding of small stones & twigs where we assumed it had scrambled up the steep bank & into the chaparral.

- San Pablo Reservoir, 300± ft., Contra Costa Co., Calif. We scanned the lake for waterfowl and saw or heard a few land birds incidental to the process. All the water birds were on the upstream ⅓ of the lake except 1 great blue heron flushed from a cove near the dam. Most of the ducks were resting on the far (NE) shore, and only bright males among those could be identified. At the extreme upper end of the lake, all the baldpates and green-

Journal

Oct. 24 (cont.) - -winged teal which were identified were feeding along with some coots & a few pintail. Waterfowl population present was tallied at:

Phalacrocorax auritus - 2
Ardea herodias - 1
* Branta canadensis - 8+
* Anas ~~Quer~~ crecca ~~carolinensis~~ - 8+
* Anas acuta - 1200 est.
* Mareca americana - 250 est.

* species marked thus have entries in sp. accounts.

Complete list of birds seen entered in roll-book.

Aythya collaris - 2+ ♂ } + 20± ♂+♀ of either
Aythya affinis - 2+ ♀ } 1 or the other - too far to identify.

Larus glaucescens - 2+ ad., 1+ im.
Larus californicus - 1000 est. {but this number may include many of next species
Larus delawarensis - 10+

Over the hills to the NE of reservoir 3 red-tailed hawks ganged up to dive on an immature golden eagle (see respective sp. accounts).

Oct. 24 - Berkeley Aquatic Park, Berkeley, Calif.
16:15 - 17:15 - We rented a boat & made a loop of the main part of the lake. Complete list of the birds recorded is entered in roll book. Outstanding were:

Ruddy Duck - 30 est.
Herring Gull - 2+
Forster's Tern - 8

Oct. 30 - N. of "Golden Gate Fields" racetrack, E. shore of San Francisco Bay, Richmond-Albany bdry., Calif. 11:35 - 11:50 AM., with tide exceptionally high (nearly all driftwood in salicornia floating!). I made a count of shorebirds from my car, starting along cove N of base of Pt. Isabel & ending at base of Fleming Pt. (Golden Gate Fields). Other species along the shore next to highway were estimated. Noted the tremendous decrease in numbers over ebb tide conditions: (cf. Oct. 10)

Red-breasted Merganser	- 3	(fishing near line of terns)
Killdeer	- 13	
Willet	- 100	(including 71 in 1 flock)
Western Sandpiper	- 1	
Bonaparte's Gull	- 15 ±	together, on row of posts near Fleming Pt.
Forster's Tern	- 80 ±	
Great Blue Heron	- 1	
American Egret	- 3	

Oct. 31 - Bay Farm Island, Alameda, Alameda Co., Calif. 13:50 - 17:00 — With five other members of Dr. A. H. Miller's ornithology class, Robt. W. Storer, and Dr. Miller I looked over the birds to be seen from the N.W. shore of San Leandro Bay along Doolittle Drive and from Island Road further toward the N.W. tip of Bay Farm Isd. The weather was mostly low overcast, with sun breaking through for only a few minutes about 3:00 P.M. An exceptionally high tide was just starting

Cogswell
1948

Journal

Oct. 31 (cont'd) to go out as we arrived. Most significant, perhaps, was the absence of large nos. of larger shorebirds, whereas red-backed sandpipers were up tremendously from a few weeks ago. Complete list of species and estimated numbers seen is attached; entries made under species accounts of those marked with *:

Note: # = numbers seen, but not counted or estimated.

AUDUBON
DAILY FIELD CARD
OF
BIRDS
Occurring in the
PACIFIC STATES
(California, Oregon and Washington)

Observer H. L. Cogswell
Locality column A: - San Leandro Bay from Doolittle Dr.
column B: - N.W. end of Bay Farm Island
Date Oct. 31, 1948 Time ....
Weather .... Wind ....

Subspecies, with the exception of a few forms, easily recognizable in the field, are omitted.

Put a more detailed account of today's observations in a separate notebook. Maybe you have seen something new!

A | B No.	
	Loon, Common
	Pacific
	Red-throated
	Grebe, Holboell's
	Horned
75 · 1 (heard)	Eared
1 ?	Western
	Pied-billed
	Albatross, Black-f.
	Short-tailed
	Shearwater, Sl.-bill.
	Sooty
	Black-vented
	Pink-footed
	Fulmar, Pacific
	Petrel, Fork-tailed
	Beal's
	Black
	Ashy
	Socorro
	Pelican, White
	California Brown
	Cormorant, Farallon
	Brandt's
	Baird's
	Man-o'-war-bird
	Heron, Great Blue
4	Egret, American

A | B No.	
	Egret, Brewster's
	Heron, Anth. Green
	Black-cr. Night
	Bittern, American
	Least
	Ibis, Wood
	Wh.-faced Glossy
	Swan, Whistling
	Goose, Canada
	Hutchins's
	Cackling
	Brant, Black
	Goose, Emperor
	White-fronted
	Snow
	Ross's
	Tree-duck, Fulvous
	Mallard
	Gadwall
	Widgeon, European
20	Baldpate
100 - 50	Pintail *
	Teal, Green-winged
	Blue-winged
	Cinnamon
	Shoveller
	Duck, Wood
	Redhead

A | B No.	
	Duck, Ring-necked
	Canvas-back
	Duck, Greater Scaup
1+	Lesser Scaup
	Golden-eye, American
	Barrow's
	Bufflehead
	Old-squaw
	Duck, Harlequin
	Scoter, White-winged
50	Surf
	American
10	Duck, Ruddy
	Merganser, Hooded
	American
	Red-breasted
	Vulture, Turkey
	Condor, California
	Kite, White-tailed
	Goshawk
	Hawk, Sharp-shinned
	Cooper's
	Red-tailed
	Red-bellied
	Swainson's
	Am. Rough-leg.
	Fer. Rough-leg.
	Harris's
	Eagle, Golden
	Bald
	Hawk, Marsh
	Osprey
	Falcon, Prairie
	Hawk, Duck
	Pigeon
1	Sparrow
	Grouse, Sooty
	Franklin's
	Ruffed
	Ptarmigan, Wh.-tailed
	Grouse, Sharp-tailed
	Sage Hen
	Partridge, Eur.
	Bob-white
	Quail, California
	Gambel's
	Mountain
	Pheasant, Ring-n.
	Crane, Little Brown
	Sandhill
1	Rail, Cal. Clapper *
	Virginia
	Sora
	Yellow
	Farallon
	Gallinule, Florida
50 #	Coot
	Oyster-catcher, Black
	Plover, Snowy
3	Semipalmated

A | B No.	
	Plover, Mountain
5 10	Killdeer
	Golden
10 10+	Black-bellied
	Surf-bird
hd.	Turnstone, Ruddy / Black (1 heard) sp?
2	Snipe, Wilson's *
	Curlew, Long-billed
2	Hudsonian
	Sandpiper, Spotted
	Solitary
	Tattler, Wandering
15 200	Willet
3 1	Yellow-legs, Greater
	Lesser
	Knot
	Sandpiper, Aleutian
	Pectoral
	Baird's
500 #	Least
4000 #	Red-backed *
300 #	Dowitcher, Long-bill.
2000 #	Sandpiper, Western
10 5	Godwit, Marbled
	Sanderling
50 100+	Avocet
	Stilt, Black-necked
	Phalarope, Red
	Wilson's
	Northern
	Jaeger, Pomarine
	Parasitic
	Long-tailed
	Gull, Glaucous
50 20	Glaucous-winged
10 15	Western
23+ #	Herring
# #	California
# #	Ring-billed
	Short-billed
	Laughing
# #	Bonaparte's
	Kittiwake, Pac.
	Gull, Sabine's
	Tern, Gull-billed
1+	Forster's
	Common
	Arctic
	Brown's
	Royal
	Elegant
	Caspian
	Black
	Murre, California
	Guillemot, Pigeon
	Murrelet, Marbled
	Xantus's
	Craveri's
	Ancient

A, B

No.	
	Auklet, Cassin's
	Paroquet
	Rhinoceros
	Puffin, Horned
	Tufted
	Dove, Mourning
	Chinese Spotted
	Ringed Turtle
	White-winged
	Mexican Ground
	Cuckoo, California
	Road-runner
	Owl, Barn
	Screech
	Flam. Screech
	Horned
	Snowy
	Hawk
	Pygmy
	Elf
	Burrowing
	Spotted
	Great Gray
	Long-eared
	Short-eared
	Saw-whet
	Poor-will
	Nighthawk
	Texas
	Swift, Black
	Vaux's
	White-throated
	Hummingbird, Costa's
	Black-chinned
	Anna's
	Broad-tailed
	Rufous
	Allen's
	Calliope
	Kingfisher, Belted
	Flicker, Red-shafted
	Gilded
	Woodpecker, Pileated
	Gila
	California
	Lewis's
	Sapsucker, Red-naped
	Red-breasted
	Williamson's
	Woodpecker, Hairy
	Downy
	Cactus
	Nuttall's
	White-headed
	Arc. Three-toed
	Am. Three-toed
	Kingbird, Eastern
	Western
	Cassin's
	Flycatcher, Ash-thr.

A, B

No.	
	Phoebe, Black
	Say's
	Flycatcher, Little
	Hammond's
	Wright's
	Gray
	Western
	Pewee, Western Wood
	Flycatcher, Olive-s.
	Vermilion
	Lark, Horned
	Swallow, Violet-green
	Tree
	Bank
	Rough-winged
	Barn
	Cliff
	Martin, Purple
	Jay, Rocky Mt.
	Oregon
	Steller's (Crested)
	California
	Santa Cruz
	Magpie, American
	Yellow-billed
	Raven, American
	Crow
	Jay, Piñon
	Nutcracker, Clark's
	Chickadee, Black-c.
	Mountain
	Chestnut-backed
	Titmouse, Plain
	Verdin
	Bush-Tit
	Nuthatch, Slender-b.
	Red-breasted
	Pygmy
	Creeper
	Wren-Tit
	Dipper
	Wren, House
	Winter
	Bewick's
	Cactus
	Marsh
	Canyon
	Rock
	Mockingbird
	Catbird
	Thrasher, Bendire's
	California
	Leconte's
	Crissal
	Sage
	Robin
	Thrush, Varied
	Hermit
	Russet-backed
	Willow

A, B

No.	
	Bluebird, Western
	Mountain
	Solitaire, Townsend's
	Gnatcatcher, Western
	Plumbeous
	Black-tailed
	Kinglet, Golden-cr.
	Ruby-crowned
	Pipit, American
	Waxwing, Bohemian
	Cedar
	Phainopepla
	Shrike, Northwestern
	California
	Vireo, Hutton's
	Least
	Gray
	Cassin's
	Red-eyed
	Warbling
	Warbler, Bl. and Wh.
	Lutescent
	Dusky
	Calaveras
	Lucy's
	Yellow
	Myrtle
	Audubon's
	Black-thr. Gray
	Townsend's
	Hermit
	Water-Thrush, Grin.
	Warbler, Macgilliv.
	Yellow-throat
	Chat, Long-tailed
	Warbler, Pileolated
	Redstart, American
#	Sparrow, English
	Bobolink
3	Meadowlark, Western
	Blackbird, Yellow-h.
?	Red-wing
	Bicolored
	Tricolored
	Oriole, Ariz. Hooded
	Scott's
	Bullock's
	Blackbird, Brewer's
	Cowbird

A, B

No.	
	Tanager,
	Cooper'
	Grosbeak
	Blue
	Bunting,
	Grosbeak
	Finch, Ca
	Cassin's
	House
	Grosbeak
	Finch, Ro
	Redpoll
	Siskin, Pi
	Goldfinch
	Green-b
	Lawrenc
	Crossbill,
	White-w
	Towhee,
	Spotted
	Brown
	Abert's
	Bunting,
2+	Sparrow,
	Belding'
	Large-bi
	Grassho
	Vesper
	Lark
	Rufous-c
	Desert
	Bell's
	Sage
	Junco, Sl
	Oregon
	Gray-he
	Sparrow,
	Chippin
	Brewer'
	Black-ch
	Gambel
	Puget S
	Nuttall'
	Golden-
	White-th
	Fox
	Lincoln'
1+	Song
	Bunting,

Accidentals..

Total Species..Individua

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Cogswell
1948

Journal

Nov. 7 San Leandro, Alameda Co. to Dumbarton Bridge and to Los Altos, Santa Clara Co. Calif.

13:15 - 14:30 - auto trip with family. Stopped at several points near Mt. Eden and Alvarado as well as along W. approaches to bridge. Entries made under following species:

Long-billed Curlew - 4
Red-backed Sandpiper
Bonaparte's Gull

- San Francisquito Cr. and adjacent hillsides, mi. W.S.W. of Palo Alto, San Mateo Co., Calif. with John Harville

15:15 - 17:00 - open grassland with scattered oaks (valley + blue), abruptly changing to live oak, laurel, poison-oak, buck-eye, some madrone + redwood on north, east, facing slopes, with high serpentine ridges again open oak-grassland and even patches of real chamise chaparral make this a wonderfully-varied area. Pools of stagnant water in creek bed were swarming with tiny fish and a few insects + Hylas. Entries made under following bird species:

Mexican Bluebird
Robin
Mourning Dove
Killdeer
Red-breasted Sapsucker

Few other species were seen, chiefly Scrub jays, House finches, and Meadowlarks.

Journal

Nov. 13 - Jewel Lake & vicinity, Tilden Regional Park, Berkeley, Contra Costa ~~Alameda~~ Co., Calif.

3:10 - 3:35 P.M. - I walked down the bridle trail on W. of Wildcat Creek from gate about 1/8 mi. S. of lake to lake & around to N. end of lake (at dam), & return. I did not see the Hooded Mergansers reported there recently by several members of the local Audubon Society. The trees and shrubs along the trail proved to be rich in bird-life, however, - seemed to be more so than any place I have yet been in the Berkeley Hills. The following species were recorded:

Steller's Jay - 1
Scrub Jay - 5+
Bush-tit - heard
Wren-Tit - 5± heard
Robin - 1+
* Varied Thrush - 6+
Hermit Thrush - 1 heard
* Golden-crowned Kinglet - 3+
Ruby-crowned Kinglet - 15±
* Myrtle Warbler - 3
Audubon's Warbler - 1 heard
Pine Siskin - 2+ heard
Fox Sparrow - 2
? ~~Lincoln's Sparrow~~ 1 heard (dry "chuck" call) - likely Fox Sparrow (Nov. 27)
Song Sparrow - several heard.

Hundreds of oak moths out.

Cogswell
1948

Journal

Nov. 14 Rodeo Valley & Rodeo Lagoon, Fort Barry, 300' to 0', Marin Co., Calif. - with my wife & son (and about 30 others) went on the field trip of the Audubon Association of the Pacific. We left the cars at the West Portal of the tunnel from the main gate to Fort Barry, and walked along the base of hills to the north of upper "Rodeo" Valley, varying our coverage between hill slopes with dried up weeds & grasses and the damp (even marshy) areas in little valley below. A short stretch of willows was passed near the inland end of the lagoon. A fairly careful count was kept enroute here, and an estimate of all birds seen on or near the lagoon was made after circling it.

Weather was cloudy, with a little mist on ocean shore. Temperature about 50-55°F. Wind not over about 5 to 10 m.p.h. except right on the beach.

Following is a list of the birds as recorded on a field card enroute, the 4 columns indicating a rough separation for the different habitats covered. Roman numerals indicate estimated numbers.

Entries made in species accounts for those names followed by *.

Journal

Nov. 14. (cont.)

0910 - 1200 - Nov. 14, 1948

← distance covered (straight line)

- open hillside
- bottom of valley (marshy) + willows } 2 mi.
- Rodeo Lagoon
- ocean off " } 1/2 mi.

From w. portal of Ft. Barry Tunnel to Rodeo Lagoon + along ocean shore there for short distance to south.

Counts in columns 1 + 2 made while going along N. slope of valley. No count made on return up road on S. side. between 12:20 - 12:45

No.		No.	
1	Loon, Common		Egret, Brewster's
	Pacific		Heron, Anth. Green
3	Red-throated		Black-cr. Night
	Grebe, Holboell's		Bittern, American
2	Horned		Least
XXX	Eared		Ibis, Wood
XX 26	Western		Wh.-faced Glossy
XV	Pied-billed		Swan, Whistling
	Albatross, Black-f.		Goose, Canada
	Short-tailed		Hutchins's
	Shearwater, Sl.-bill.		Cackling
	Sooty		Brant, Black
	Black-vented		Goose, Emperor
	Pink-footed		White-fronted
	Fulmar, Pacific		Snow
	Petrel, Fork-tailed		Ross's
	Beal's		Tree-duck, Fulvous
	Black	XX	Mallard
	Ashy		Gadwall
	Socorro		Widgeon, European
	Pelican, White		Baldpate
X 3	California Brown	7	Pintail
XXX V	Cormorant, Farallon	1	Teal, Green-winged
	Brandt's		Blue-winged
1	Baird's	1	Cinnamon
	Man-o'-war-bird		Shoveller
1	Heron, Great Blue		Duck, Wood
1	Egret, American		Redhead

(Roman numerals = estimated numbers)

~~Nov 21 Lakepor~~

(see next page).

Cogswell
1948

Journal

No.	
2	Duck, Ring-necked
CC	Canvas-back
	Duck, Greater Scaup
1+	Lesser Scaup
	Golden-eye, American
	Barrow's
	Buffle-head
	Old-squaw
	Duck, Harlequin
{XX	Scoter, White-winged
	Surf
	American
CCC	Duck, Ruddy
	Merganser, Hooded
	American
XX	Red-breasted
1	Vulture, Turkey
	Condor, California
	Kite, White-tailed
	Goshawk
1	Hawk, Sharp-shinned
	Cooper's
6+	Red-tailed
	Red-bellied
	Swainson's
	Am. Rough-leg.
	Fer. Rough-leg.
	Harris's
	Eagle, Golden
	Bald
	Hawk, Marsh
	Osprey
	Falcon, Prairie
	Hawk, Duck
	Pigeon
2+	Sparrow
	Grouse, Sooty
	Franklin's
	Ruffed
	Ptarmigan, Wh.-tailed
	Grouse, Sharp-tailed
	Sage Hen
	Partridge, Eur.
	Bob-white
Hd.	Quail, California
	Gambel's
	Mountain
	Pheasant, Ring-n.
	Crane, Little Brown
	Sandhill
	Rail, Cal. Clapper
2	Virginia (heard)
	Sora
	Yellow
	Farallon
	Gallinule, Florida
L	Coot
	Oyster-catcher, Black
	Plover, Snowy
	Semipalmated

No.	
	Plover, Mountain
14	Killdeer
	Golden
	Black-bellied
	Surf-bird
	Turnstone, Ruddy
	Black
1-1	Snipe, Wilson's
	Curlew, Long-billed
	Hudsonian
	Sandpiper, Spotted
	Solitary
	Tattler, Wandering
	Willet
1	Yellow-legs, Greater
	Lesser
	Knot
	Sandpiper, Aleutian
	Pectoral
	Baird's
	Least
	Red-backed
	Dowitcher, Long-bill.
	Sandpiper, Western
	Godwit, Marbled
	Sanderling
	Avocet
	Stilt, Black-necked
	Phalarope, Red
	Wilson's
	Northern
	Jaeger, Pomarine
	Parasitic
	Long-tailed
	Gull, Glaucous
X	Glaucous-winged
XX	Western
1+	Herring
L	California
3	Ring-billed
2	Short-billed
	Laughing
	Bonaparte's
	Kittiwake, Pac.
	Gull, Sabine's
	Tern, Gull-billed
	Forster's
	Common
	Arctic
	Brown's
	Royal
	Elegant
	Caspian
	Black
	Murre, California
	Guillemot, Pigeon
	Murrelet, Marbled
	Xantus's
	Craveri's
	Ancient

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No.	
	Auklet, Cassin's
	Paroquet
	Rhinoceros
	Puffin, Horned
	Tufted
	Dove, Mourning
	Chinese Spotted
	Ringed Turtle
	White-winged
	Mexican Ground
	Cuckoo, California
	Road-runner
feathers	Owl, Barn found.
	Screech
	Flam. Screech
	Horned
	Snowy
	Hawk
	Pygmy
	Elf
	Burrowing
	Spotted
	Great Gray
	Long-eared
	Short-eared
	Saw-whet
	Poor-will
	Nighthawk
	Texas
	Swift, Black
	Vaux's
	White-throated
	Hummingbird, Costa's
	Black-chinned
1?	Anna's
	Broad-tailed
	Rufous
	Allen's
	Calliope
1?	Kingfisher, Belted
3·1	Flicker, Red-shafted
	Gilded
	Woodpecker, Pileated
	Gila
	California
	Lewis's
	Sapsucker, Red-naped
	Red-breasted
	Williamson's
	Woodpecker, Hairy
	Downy
	Cactus
	Nuttall's
	White-headed
	Arc. Three-toed
	Am. Three-toed
	Kingbird, Eastern
	Western
	Cassin's
	Flycatcher, Ash-thr.

No.	
2·2	Phoebe, Black
2+	Say's
	Flycatcher, Little
	Hammond's
	Wright's
	Gray
	Western
	Pewee, Western Wood
	Flycatcher, Olive-s.
	Vermilion
	Lark, Horned
	Swallow, Violet-green
	Tree
	Bank
	Rough-winged
	Barn
	Cliff
	Martin, Purple
	Jay, Rocky Mt.
	Oregon
	Steller's (Crested)
1·2	California
	Santa Cruz
	Magpie, American
	Yellow-billed
2	Raven, American
	Crow
	Jay, Piñon
	Nutcracker, Clark's
	Chickadee, Black-c.
	Mountain
	Chestnut-backed
	Titmouse, Plain
	Verdin
2fl.	Bush-Tit
	Nuthatch, Slender-b.
	Red-breasted
	Pygmy
	Creeper
XV·2·1	Wren-Tit
	Dipper
	Wren, House
	Winter
2·1·1	Bewick's
	Cactus
1·3	Marsh
	Canyon
	Rock
	Mockingbird
	Catbird
	Thrasher, Bendire's
	California
	Leconte's
	Crissal
	Sage
	Robin
	Thrush, Varied
L·1	Hermit
	Russet-backed
	Willow

~~Nov 21 — Lakeport~~

(see next page).

No.		No.	
10+	Bluebird, Western		Tanager, Western
	Mountain		Cooper's
	Solitaire, Townsend's		Grosbeak, Bl.-headed
	Gnatcatcher, Western		Blue
	Plumbeous		Bunting, Lazuli
	Black-tailed		Grosbeak, Evening
	Kinglet, Golden-cr.		Finch, Cal. Purple
6	Ruby-crowned		Cassin's Purple
75±	Pipit, American	CC	House
	Waxwing, Bohemian		Grosbeak, Pine
	Cedar		Finch, Rosy
	Phainopepla		Redpoll
	Shrike, Northwestern		Siskin, Pine
1	California		Goldfinch
	Vireo, Hutton's		Green-backed
	Least		Lawrence's
	Gray		Crossbill, Red
	Cassin's		White-winged
	Red-eyed		Towhee, Green-tailed
	Warbling	1	Spotted
	Warbler, Bl. and Wh.	1	Brown
	Lutescent		Albert's
	Dusky		Bunting, Lark
	Calaveras		Sparrow, Savannah
	Lucy's		Belding's
	Yellow		Large-billed
	Myrtle		Grasshopper
2	Audubon's		Vesper
	Black-thr. Gray		Lark
	Townsend's		Rufous-crowned
	Hermit		Desert
	Water-Thrush, Grin.		Bell's
	Warbler, Macgilliv.		Sage
	Yellow-throat		Junco, Slate-colored
	Chat, Long-tailed		Oregon
	Warbler, Pileolated		Gray-headed
	Redstart, American		Sparrow, Tree
	Sparrow, English		Chipping
	Bobolink		Brewer's
70-	Meadowlark, Western		Black-chinned
	Blackbird, Yellow-h.		Gambel's
	Red-wing		Puget Sound
	Bicolored	XXX-L	Nuttall's
	Tricolored		Golden-crowned
	Oriole, Ariz. Hooded		White-throated
	Scott's	1	Fox
	Bullock's	2+ll	Lincoln's ?
	Blackbird, Brewer's	XXX X	Song
	Cowbird		Bunting, Snow

Accidentals..........

Total Species.......... Individuals..........

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Journal

next page).

Nov. 21 – Lakeport to Upper Lake, Lake Co., Calif.

While riding with Richard Taber in Calif. Fish & Game car we noted only such birds as were conspicuous along the road. Seen on the lake at points where shore was close by were:

White Pelican – 1
Western Grebe – 2+
Duck sp.? – x00
Coot – 200
Belted Kingfisher – 1
Great Blue Heron – 2

In oak-grassland areas along road several Mourning Doves, Western Meadowlarks, and lots of sparrows were seen.

– Upper Lake Ranger Station, Lake Co., Calif.

07:45 – 08:30 — I walked around the area just S. & W. of Ranger Sta., covering weedy road-sides, fields, brush-piles, stream-banks with tall willows, a few laurel (U. californica) & Quercus lobata. There was a heavy white frost on ground. List of birds recorded is tabulated below: (p. 15-17)

– Lakeport to just W. Kelseyville, Lake Co., Calif.

Most notable birds seen enroute thru this area of pear orchards were robins by the thousands, and 1+ white-tailed kite

* (see respective species accounts).

Cogswell
1948

Journal

Nov. 21 · Lower Mahnke Ranch, 1650', 4 3/4 mi. S and 1+ mi. W from Kelseyville, Lake Co., Calif. —

09:10 - 10:20 — covered the area from Mahnke's house to just NW of junction of Kelsey Creek and Widow Creek. Total distance about 1 mile in a semi-circle. Included habitats: house & farm buildings with vegetable garden now gone to seed; chaparral (chiefly Adenostoma) hillside; small orchard; weedy roadsides; and scattered black walnuts, willows, valley oaks & digger pines in area near creek. Lots of birds around here, and all are quite tame. Juncos especially noted as exceptionally easy to approach. List of birds seen is tabulated below: —

- Upper Mahnke Ranch, 2100', and chaparral slopes to SW of it, 2 mi. S. of above locality. We reached this "trail's end" ranch by a tortuous very narrow road along Widow Creek, which shows on War Dept topographic map (Kelseyville sheet). At one point one wheel was driving over the edge!

11:00 - 13:30 — We hiked in the chaparral area SW of buildings to top of 1st main ridge and back via same route. Distance about 1 1/3 mi. each way. Few birds seen. Listed with those seen from:

13:30 - 16:00 — We spent around clearing, along small canyon stream, & farm buildings. Trees include scattered digger pines, Umbellularia californica, Valley & Live (wislizenii?) oaks, and some madrone.

Journal

Nov. 21 (cont.). Knob-cone pines occur in patches on NE facing slopes above the ranch. Madrones, laurel, and Torreya californica also near & above the 2500' level — but most of them quite small: & like all the chaparral hereabout, are in process of recovery after various fires set by ranchers to try to open up the brush-land - Adenostoma probably most widespread shrub, then at least 2 sp. of Ceanothus, 1 sp. of manzanita, and various "scrub" or spiny-leaved live-oaks and some Mtn. mahogany. I took 2 photographs — 1 of upper Kelsey Cr. canyon from ranch house area, & 1 of Clear Lake from upper ridge.

Tabulated list of birds recorded at the localities indicated: (* = entry in sp. acct)

	Upper Lake Ra. Sta.	Lower Mahnke Rch.	Upper Mahnke Rch.
Sharp-shinned Hawk			1
Red-tailed Hawk	1 im.		
* Marsh Hawk			1
* California Quail		100±	5+ heard
Ring-necked Pheasant	(crow.) 1 heard		
Mourning Dove	6	2	
Red-shafted Flicker	5	5±	2
Acorn Woodpecker	2	2	
Red-breasted Com. Sapsucker	2	?.1	

Cogswell
1948

Journal

		Upper Lake Ra. Sta.	Lower Mahnke Rch.	Upper Mahnke Rch.
Nov. 21 (cont.)	Hairy Woodpecker		1	
	Downy Woodpecker		1 heard	
	Nuttall's Woodpecker		1 ♂	
	Black Phoebe	2		1
	Scrub Jay	4	10 ±	15 ±
	* Crow	50 +		
	Plain Titmouse	1	1	1
	Bush-tit			small flock
	White-breasted Nuthatch	1 heard		
	* Wren-tit			15 ±
	Bewick's Wren		1	1
	Rock Wren			1 heard
	* California Thrasher		1	2 sing!
	* Robin	1	10 ±	70 ±
	Hermit Thrush	1		3
	Western Bluebird		1 + ♂	
	Ruby-crowned Kinglet	2	3	5
	Am. Pipit		7 (fly overs)	
	Hutton's Vireo			1
	Audubon's Warbler	1	1	
	Western Meadowlark	6	1, singing	
	* Red-winged Blackbird	- many		
	* Brewer's Blackbird	- "		
	* Purple Finch	-	15 ±	5 ±
	Pine Siskin	-	few heard	
	Green-backed Goldfinch	3	20 ±	10 ±
	* Lawrence's Goldfinch	-	4	
	Spotted Towhee	1	2	2

Copswell
1948

Journal

		Upper Lake Ranger Sta.	Lower Mahnke Ranch	Upper Mahnke Ranch
Nov 21 (cont.)	Brown Towhee	3	5±	4
*	Bell's Sparrow			? 1
	Oregon Junco	5±	10±	20±
	White-crowned Sparrow	2		
	Golden-crowned Sparrow	15	- several -	40+
	Fox Sparrow		10±	5+ (1 song)
	Song Sparrow	5±	1	

Nov. 25 San Francisco Bay shore, Albany + S.E. Richmond, Alameda + Contra Costa Cos., Calif.

11:30-12:30 — I made the following count of water birds in the area from just N. of base of Pt. Isabel (but not going off main highway, so ∴ missing some birds well out on the sides of the peninsula) S. to Fleming Pt. (N. end of Golden Gate Fields Race track). The tide was going out rapidly + in fact the great mass of small birds toward the end were too far away to identify as to species, hence the ?? on the nos. of some. Entries under species accounts for those marked: *.

Horned Grebe - 1
Eared Grebe - 6±
Western Grebe - 6±
Pintail 2500 (careful estimate)
Canvasback 300 est.
Lesser Scaup 5+ } 15,000 diving ducks well out in bay, majority prob. these
* Golden-eye (sp?) - 37

Nov. 25 (cont'd.) Scoters sp? – numbers with distant scaups
Ruddy Duck – 300 est.
Red-breasted Merganser – 39
Coot – 15 ±
Killdeer – 12
Black-bellied Plover – 30 ±
Willet – 350 est.
Least Sandpiper – 3800
Red-backed Sandpiper – 6200
Western Sandpiper – 4600
Marbled Godwit – 2
Sanderling 8+
Avocet 2
Glaucous-winged Gull – 200 ±
(estimated nos. arrived at by "sampling" % of each sp. in closer flocks & applying same to est. of whole mass)
Western Gull 70 est.
Herring Gull 1+
California Gull 100 est.
Ring-billed Gull 100⁻ est.
Short-billed Gull 160 est.
Bonaparte's Gull 150 est.
Forster's Tern 15 ±

Nov. 27 – Jewell Lake & vicinity (hill to W.) Tilden Regional Park, Contra Costa Co., NE of Berkeley, Calif.
10:20 – 11:40 – With my wife & son I walked along bridle trail from end of road to lake & up steep " " at extreme N.W. corner of park to N.W. of lake. Complete list of birds seen.

Journal

Nov. 27 (cont'd.) is entered in my roll book and on check-list below. Entries in species accounts of those marked *.

— Sequoia Regional Park, Oakland, Alameda Co. Calif.

We ate lunch at about 12:20 – 12:40 at look-out point at edge of dense grove of small redwoods. Then & until about 1:15 P.M. we hiked a ½ mile or so down W. side of hill to small canyon, along the "contoured bridle trail & back to lookout point. Most notable birds were abundant varied thrushes

List & estimated Nos. of birds seen at above 2 localities

AUDUBON
DAILY FIELD CARD
OF
BIRDS
Occurring in the
PACIFIC STATES
(California, Oregon and Washington)

Observer H. L. Cogswell
Locality 1st column: – Jewell Lake & vicinity; 2nd column: Sequoia Park
Date Nov. 27, 1948 Time
Weather clear; fog or haze in city Wind —

Subspecies, with the exception of a few forms, easily recognizable in the field, are omitted. (# = several to many, no estimate made)

Put a more detailed account of today's observations in a separate notebook. Maybe you have seen something new!

No.		No.	
	Loon, Common		Egret, Brewster's
	Pacific		Heron, Anth. Green
	Red-throated		Black-cr. Night
	Grebe, Holboell's		Bittern, American
	Horned		Least
	Eared		Ibis, Wood
	Western		Wh.-faced Glossy
1	Pied-billed		Swan, Whistling
	Albatross, Black-f.		Goose, Canada
	Short-tailed		Hutchins's
	Shearwater, Sl.-bill.		Cackling
	Sooty		Brant, Black
	Black-vented		Goose, Emperor
	Pink-footed		White-fronted
	Fulmar, Pacific		Snow
	Petrel, Fork-tailed		Ross's
	Beal's		Tree-duck, Fulvous
	Black	30	Mallard
	Ashy		Gadwall
	Socorro		Widgeon, European
	Pelican, White		Baldpate
	California Brown		Pintail
	Cormorant, Farallon		Teal, Green-winged
	Brandt's	(? 12)	Blue-winged
	Baird's		Cinnamon
	Man-o'-war-bird		Shoveller
	Heron, Great Blue		Duck, Wood
	Egret, American		Redhead

Dec. 5 – Jewell L. & vicinity, Tilden Regional Park, Contra Costa Co. NE of Berkeley, Calif. 08:20 – about 09:50 — In a rain varying from fine mist to wind-driven drops 4 of us ornithology class students accompanied Dr. A. H.

No.	
* 4	Duck, Ring-necked (20, 29)
2+	Canvas-back
	Duck, Greater Scaup
1+	Lesser Scaup
* 1+	Golden-eye, American
	Barrow's
	Buffle-head
	Old-squaw
	Duck, Harlequin
	Scoter, White-winged
	Surf
	American
	Duck, Ruddy
	Merganser, Hooded
	American
	Red-breasted
	Vulture, Turkey
	Condor, California
	Kite, White-tailed
	Goshawk
	Hawk, Sharp-shinned
	Cooper's
2	Red-tailed (many-enroute)
	Red-bellied
	Swainson's
	Am. Rough-leg.
	Fer. Rough-leg.
	Harris's
	Eagle, Golden
	Bald
	Hawk, Marsh
	Osprey
	Falcon, Prairie
	Hawk, Duck
	Pigeon
	Sparrow
	Grouse, Sooty
	Franklin's
	Ruffed
	Ptarmigan, Wh.-tailed
	Grouse, Sharp-tailed
	Sage Hen
	Partridge, Eur.
	Bob-white
est. (25)	Quail, California - 1 covey
	Gambel's
	Mountain
	Pheasant, Ring-n.
	Crane, Little Brown
	Sandhill
	Rail, Cal. Clapper
2	Virginia } heard, only
2	Sora }
	Yellow
	Farallon
	Gallinule, Florida
15±	Coot
	Oyster-catcher, Black
	Plover, Snowy
	Semipalmated

No.	
	Plover, Mountain
	Killdeer
	Golden
	Black-bellied
	Surf-bird
	Turnstone, Ruddy
	Black
* 2	Snipe, Wilson's
	Curlew, Long-billed
	Hudsonian
	Sandpiper, Spotted
	Solitary
	Tattler, Wandering
	Willet
	Yellow-legs, Greater
	Lesser
	Knot
	Sandpiper, Aleutian
	Pectoral
	Baird's
	Least
	Red-backed
	Dowitcher, Long-bill.
	Sandpiper, Western
	Godwit, Marbled
	Sanderling
	Avocet
	Stilt, Black-necked
	Phalarope, Red
	Wilson's
	Northern
	Jaeger, Pomarine
	Parasitic
	Long-tailed
	Gull, Glaucous
#	Glaucous-winged } gulls all going toward San Pablo Reservoir.
	Western
1+	Herring
#	California
#	Ring-billed
	Short-billed
	Laughing
	Bonaparte's
	Kittiwake, Pac.
	Gull, Sabine's
	Tern, Gull-billed
	Forster's
	Common
	Arctic
	Brown's
	Royal
	Elegant
	Caspian
	Black
	Murre, California
	Guillemot, Pigeon
	Murrelet, Marbled
	Xantus's
	Craveri's
	Ancient

No.	
	Auklet, Cassin's
	Paroquet
	Rhinoceros
	Puffin, Horned
	Tufted
	Dove, Mourning
	Chinese Spotted
	Ringed Turtle
	White-winged
	Mexican Ground
	Cuckoo, California
	Road-runner
	Owl, Barn
	Screech
	Flam. Screech
	Horned
	Snowy
	Hawk
	Pygmy
	Elf
	Burrowing
	Spotted
	Great Gray
	Long-eared
	Short-eared
	Saw-whet
	Poor-will
	Nighthawk
	Texas
	Swift, Black
	Vaux's
	White-throated
	Hummingbird, Costa's
	Black-chinned
	Anna's
	Broad-tailed
	Rufous
	Allen's
	Calliope
	Kingfisher, Belted
4+	Flicker, Red-shafted
* 1	~~Gilded~~ Flicker, (C. auratus) ?
	Woodpecker, Pileated
	Gila
	California
	Lewis's
	Sapsucker, Red-naped
	Red-breasted
	Williamson's
	Woodpecker, Hairy
1	Downy (heard, in willows)
	Cactus
	Nuttall's
	White-headed
	Arc. Three-toed
	Am. Three-toed
	Kingbird, Eastern
	Western
	Cassin's
	Flycatcher, Ash-thr.

No.	
1	Phoebe, Black
	Say's
	Flycatcher, Little
	Hammond's
	Wright's
	Gray
	Western
	Pewee, Western Wood
	Flycatcher, Olive-s.
	Vermilion
	Lark, Horned
	Swallow, Violet-green
	Tree
	Bank
	Rough-winged
	Barn
	Cliff
	Martin, Purple
	Jay, Rocky Mt.
	Oregon
1	Steller's (Crested)
15±	California
	Santa Cruz
	Magpie, American
	Yellow-billed
	Raven, American
	Crow
	Jay, Piñon
	Nutcracker, Clark's
	Chickadee, Black-c.
	Mountain
* 1	Chestnut-backed
2 2	Titmouse, Plain
	Verdin
30±	Bush-Tit (2 flocks)
	Nuthatch, Slender-b.
	Red-breasted
	Pygmy
	Creeper
* 15± 3	Wren-Tit
	Dipper
	Wren, House
	Winter
5±	Bewick's
	Cactus
	Marsh
	Canyon
	Rock
	Mockingbird
	Catbird
	Thrasher, Bendire's
	California
	Leconte's
	Crissal
	Sage
2 #	Robin
* 20±	Thrush, Varied
10± 3	Hermit
	Russet-backed
	Willow

Cogswell
1948 —

Journal

No.	
* 4	Duck, Ring
2±	Canvas-ba
	Duck, Grea
1±	Lesser Sc
* 1±	Golden-ey
	Barrow's
	Buffle-heac
	Old-squaw
	Duck, Harl
	Scoter, Wh
	Surf
	American
	Duck, Rud
	Merganser
	American
	Red-breas
	Vulture, T
	Condor, C
	Kite, White
	Goshawk
	Hawk, Sha
	Cooper's
2	Red-tailed
	Red-bellie
	Swainson
	Am. Roug
	Fer. Roug
	Harris's
	Eagle, Gol
	Bald
	Hawk, Mar
	Osprey
	Falcon, Pr
	Hawk, Duc
	Pigeon
	Sparrow
	Grouse, Sc
	Franklin's
	Ruffed
	Ptarmigan,
	Grouse, Sh
	Sage Hen
	Partridge,
	Bob-white
est. (25)	Quail, Cal
	Gambel's
	Mountain
	Pheasant,
	Crane, Litt
	Sandhill
	Rail, Cal.
2	Virginia
2	Sora
	Yellow
	Farallon
	Gallinule,
15±	Coot
	Oyster-cat
	Plover, Sn
	Semipalm

No.	
	Bluebird, Western
	Mountain
	Solitaire, Townsend's
	Gnatcatcher, Western
	Plumbeous
	Black-tailed
	Kinglet, Golden-cr.
20± #	Ruby-crowned
	Pipit, American
	Waxwing, Bohemian
	Cedar
	Phainopepla
	Shrike, Northwestern
	California
1	Vireo, Hutton's (in willows)
	Least
	Gray
	Cassin's
	Red-eyed
	Warbling
	Warbler, Bl. and Wh.
	Lutescent
	Dusky
	Calaveras
	Lucy's
	Yellow
* 10±	Myrtle
5±	Audubon's
	Black-thr. Gray
* 1	Townsend's
	Hermit
	Water-Thrush, Grin.
	Warbler, Macgilliv.
	Yellow-throat
	Chat, Long-tailed
	Warbler, Pileolated
	Redstart, American
	Sparrow, English
	Bobolink
	Meadowlark, Western
	Blackbird, Yellow-h.
	Red-wing
	Bicolored
	Tricolored
	Oriole, Ariz. Hooded
	Scott's
	Bullock's
	Blackbird, Brewer's
	Cowbird

No.	
	Tanager, Western
	Cooper's
	Grosbeak, Bl.-head
	Blue
	Bunting, Lazuli
	Grosbeak, Evening
2± #	Finch, Cal. Purple
	Cassin's Purple
	House
	Grosbeak, Pine
	Finch, Rosy
	Redpoll
1 15±	Siskin, Pine
	Goldfinch
2	Green-backed
	Lawrence's
	Crossbill, Red
	White-winged
	Towhee, Green-tail
20±	Spotted
5±	Brown
	Albert's
	Bunting, Lark
	Sparrow, Savannah
	Belding's
	Large-billed
	Grasshopper
	Vesper
	Lark
	Rufous-crowned
	Desert
	Bell's
	Sage
	Junco, Slate-colored
30±	Oregon
	Gray-headed
	Sparrow, Tree
	Chipping
	Brewer's
	Black-chinned
	Gambel's
	Puget Sound
	Nuttall's
	Golden-crowned
	White-throated
* 15±	Fox
	Lincoln's
2	Song
	Bunting, Snow

Accidentals..........

Total Species.......... Individuals..........

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Dec. 5. Jewell L. & vicinity, Tilden Regional Park, Contra Costa Co. NE of Berkeley, Calif. 08:20 – about 09:50 — In a rain varying from fine mist to wind-driven drops. 4 of us ornithology class students accompanied Dr. A. H.

Cogswell
1948

Journal

Dec. 5 (cont.) Miller from foot of Canyon Drive (Spruce St. entrance to Park) to E. and N. sides of Jewell L. & return. many Birds were notably active despite the rain, especially woodpeckers, & other bark foragers such as titmice, bush-tits, & kinglets, and quail. Water birds present were, of course, unaffected. The most conspicuous absences on our species list over those normally present here (as witness records in my roll book, & above, of brief visit here on Nov. 27) were the warblers (Audubon's & myrtle) and most of the sparrows & finches. Of the complete list of 36 species (as entered in roll book) the following are noteworthy: * = entry in species acct.

Mallard - 15± in pairs
Pintail 3+
Shoveller 1 pr.
* Ring-necked Duck - 2♂, 1♀
Canvasback - 10±
* Lesser Scaup - 2♀
* Am.(?) Golden-eye - 3♀
* Calif. Quail - 2 coveys, 13 + 17
Virginia Rail - heard
* Sora Rail - 1+ seen
Coot - 30 est.
Wilson's Snipe - 1

* Acorn Woodpecker - 1
* Chestnut-b. Chickadee - 1
Golden-cr. Kinglet - 2+

Dec. 18 - Enroute on "San Rafael Ferry", ~~Richmond~~ to Castro Point, Richmond, Contra Costa Co. to Pt. E. of San Quentin, Marin Co. Calif.: The following birds were seen while on ferry or from the piers & approaches from either end of the run. Time: 8:35 - 8:50 AM. ± :

Loon (sp.?) - 39 — mostly flying
* Red-throated Loon - 1 - from N. shore
Western Grebe - 50 (est.)
Pied-billed Grebe - 1 imm. - along Marin Co. shore
Brown Pelican - 4
Double-crested } Brandt's } Cormorant - 200 (est.) - few of both species identified.
Great Blue Heron - 1 - Marin Co. shore
American Egret - 6 - " " " (marshes & fields)
Am. Pintail - 2 - " " "
Canvasback - 300 (est.)
Lesser Scaup Duck - 200 (est.)
Am. Golden-eye - 20 (est.)
Bufflehead - 4
White-winged Scoter - 6
Surf Scoter - 200 (est.)
Ruddy Duck - 300 (est.) - near Marin shore (mostly)
Red-breasted Merganser - 8 ±
Am. Coot - 1 (in open bay) + others al. Marin shore
Glaucous-winged Gull - 3 +
Western, & California Gulls - numerous.

Dec. 18 (cont'd.)

Ring-billed Gull – 1
Bonaparte's Gull – 1

– Tomales Bay & vicinity, Marin Co., Calif.
With Dr. Alden H. Miller and several members of his ornithology class, plus Mr. & Mrs. Harry Adamson of Berkeley, I arrived at So. end of the bay about 10:00 A.M. (P.D.S.T.). I rode in Gullion's car with Bob Bailey & the Adamsons. Itinerary was as follows:

1. Brief stop at road junction 1/6 mi. S. Pt Reyes Station. No coverage except from 1 spot in road.
2. - Drove up W side of bay, stopping at 2 points between Inverness Park & Inverness to look across marshes & So. end of bay.
3. - another scanning of bay at Inverness
4. - Drove to end of road above Shell Beach, turned around & back around So. end of Bay and up East side of bay to a (boat) landing (& bar) establishment about .6 mi. SSE of Hamlet. During this driving we noted only such birds as could be recorded from the cars. We ate lunch, and at about 12:30, we rented two boats at this landing.
5. R. W. Storer, Earl Bowers, Bob Bailey, and I took one boat & rowed out almost to Hog Id. in center of bay opposite the landing.

Cogswell

1948

Dec. 18 (p. 3 cont'd), thence NNW a little way to investigate a large floating mass of eel-grass. Storer expressed himself as gratified at the amount of eel-grass present, as it had been so seriously depleted as to be a probable factor in the reduction of Black Brant in the region during several winters. The weather was clear, with very little wind. The water was clear and sparkling. Scoters' & Golden-eyes' wings whined & whistled on their frequent take-offs.

(6). - Soon, Dr. Miller & the others in the other boat, powered by an outboard motor, took us in tow and we proceeded toward the mouth of the bay, keeping close to the SW shore as we went further out, & then ~~the~~ beached the boats at a beach on SW shore (Avalis Beach on Pt. Reyes Quad. USGS. map) just beyond the sand-bar at the bay-mouth and about 4 miles from our starting point.

(7) - From the beaching spot we walked on to the top of Tomales Point (Tomales Bluff on USGS. map), about 1 mi. distant, scanned the cliffs, rocks, & ocean from there, & then returned a short way along the side of the point facing the open ocean, & back over the hilltop to the boats. The vegetation on the slopes of the point is chiefly bush lupine - in irregularly spaced chaparral - grassland type of vegetation.

Dec. 18 p. 4 (cont'd.) - The sparrows were common in such an area, as would be expected. In the larger, more protected gulches are dense thickets of Rosa sp. The one quail call heard came from such a place. The only trees within a mile (probably much more) of the point are two Cupressus macrocarpa and a few small Eucalyptus in 2 different spots — all apparently planted by ranchers. The land here is grazed, but apparently not too severely, since a lot of fresh green annuals (chiefly chickweed) and some grass is coming up after the recent rains, although several Herefords were seen.

A list of the birds (& mammals) observed on the bay or around its S.W. and E. margins + those seen on the point follows: (numbers are estimates made at end of trip). (* = entry made under species account):

	near So. end of Bay	from boat (Hog I. - Sand Pt.)	Tomales Point (on & near)
* Common Loon		10+ } 200+ altogether	
* Arctic Loon		10+ }	
* Red-throated Loon	1	15+ }	
* (Holboell's) Red-necked Grebe		4	
* Horned Grebe	50	200	50
* Eared Grebe	20	20	10
* Western Grebe	20	25	5
Pied-billed Grebe	1	2	

Cogswell
1948

Journal

Dec. 18 (cont., p. 5.)

	near So. end of Bay	from boat Hog Isl.! to Sand Pt.	Tomales Point
* White Pelican		100	5
Brown Pelican		30	50
* Double-crested Cormorant		several	several
* Brandt's Cormorant		many	many
Pelagic Cormorant			15
Great Blue Heron		15± (all areas)	
(Am.) Common Egret	10	1	
Black-crowned Night Heron		3 immatures	
* Black Brant			400
* Emperor Goose		1	
Mallard	many		
Baldpate		300	
Pintail	many		
Shoveller	?		
Lesser Scaup Duck -		100	
* Com. Golden-eye		150	
* Bufflehead		200	
* Harlequin Duck			5
White-winged Scoter		30+	
Surf Scoter		1000	many
Ruddy Duck	100	50	
Red-breasted Merganser		40	1
* Turkey Vulture	19		2
Sharp-shinned Hawk			1
Red-tailed Hawk	1		?1 im.
Peregrine Falcon			1
Sparrow Hawk	5		

Cogswell
1948

Journal

Dec. 18 (cont. p. 6)

	near So. end of bay	from boat, (Hog I. to Sand Pt.)	Tomales Point
California Quail			1 heard.
Am. Coot	many -	500	
* Black Oyster-catcher			2
Killdeer	1		
Black-bellied Plover	1		
Spotted Sandpiper			2
Willet	10	1	
Greater Yellow-legs	1		
small Sandpiper (probably Least + western) - many -			
* Sanderling (?)	2000		
Avocet	20		

Glaucous-winged - many
Western - many
Herring - 3+
California - many

} Gulls - not segregated as to locality.

	near So. end of bay	from boat, (Hog I. to Sand Pt.)	Tomales Point
Ring-billed Gull		1	
Bonaparte's Gull			5
Heermann's Gull		2	1
Com. Murre		1	
* Pigeon Guillemot		2	
Band-tailed Pigeon	25± (flying over Inverness ridge at town)		
Belted Kingfisher	3		
* Red-shafted Flicker	2		1
Black Phoebe	8		2
Say's Phoebe	1		
* Scrub Jay			1
Com. Raven		2+	

Cogswell
1948

Journal

Dec. 18 (cont., p. 7)

		near So. end of Bay	from boat (Hog I. to Sand Pt.)	Tomales Point
	Crow	2		
(*)	Bush-tit			30
(*)	Wren-tit	3		2
	Bewick's Wren	3		
	Robin	30		
	Varied Thrush	1 (at Inverness)		
	Western Bluebird	1 (at Olema)		
	Ruby-crowned Kinglet	5		
	Water-Pipit	heard		
	Loggerhead Shrike	2		
(*)	Audubon's Warbler	15		5
	West. Meadowlark	5		
	Brewer's Blackbird	many	many	
	House Finch	many		
	Spotted Towhee	1		
	White-crowned Sparrow	many		many
	Golden-crowned Sparrow	1+		[seen by Bob Bailey]
*	Fox Sparrow			1+
(*)	Song Sparrow	many		10+
*	Raccoon			tracks only (along shore)
*	Calif. Sea-lion			several
*	Harbor Seal			50
	Cottontail (?) Rabbit			many
*	Black-tailed Deer			4+
	Whale (sp?)			spouting, way offshore.

Dec. 20 - Gilroy, Santa Clara Co., along state highway #33 E, and over, Pacheco Pass.

In this area we stopped only to look at such birds as were interesting right along the roadside. Chief item of note:

1 Buteo regalis (immature) on a near plowed field with several ground squirrels scurrying over the bare earth nearby. This at large ranch at base of first hills E Gilroy.

The hills here are covered with scattered Q. lobata & Q. douglasii (?) near the base and in the higher "flats" near the pass, with a smattering of very short chaparral along the steeper slopes, at least to the west, and open grassland elsewhere. There are large sycamores in the canyons & washes.

- Los Baños area, Merced Co., Calif.

We stopped the car & got out for 10 minutes at a bridge over creek about 1½ mi. W of town. Although the creek beds coming down from the hills around Pacheco Pass were absolutely dry, this one is running fairly full of slightly muddy water (among the tall dry weeds of the summer's period). 2 Coots scuttled away thru the weeds.

At about 3 mi. E. of town we came to a dirt road which leaves route 33 at an

Dec. 20 (p. 2) angle of about 40° and runs SE along, between extensive gun club grounds. We drove down it for a mile or more and back, looking for ducks & shorebirds, mostly from the car. There is plenty of water here; but very few ducks. I have a feeling the water has only been here since the rains of a few days ago, and the ducks do not yet find abundant food in it. If this is not the case, the duck population is way, way down, judging from what I have heard of "normal" conditions at Los Baños.

We also checked some other ponds further E along route 33 (but W. of Los Palos). Following is an estimate of waterfowl numbers, by species, which we saw in about 1 mile along the dirt road & 3-4 miles along route 33:

White Pelican -	10	Gadwall	20
Great Blue Heron -	3	Shoveller	1000
Com. Egret	7	Black Gallinule	2
Snow Goose	1300	Am. Coot	3500
(in 2 flocks on ground about 5 mi. E. Los Baños)		Killdeer	2
		Long-billed Curlew	4
Mallard	1	Greater Yellow-legs	3
Cinnamon Teal	2+	Least Sandpiper	15
Green-winged Teal	100	Dowitcher	80
Pintail	15	Gull (Cal. or Ring-b.)	3+
Baldpate	28		

(p.3)

Dec. 20 - 5 mi N Dos Palos, Merced Co., Calif.
approx. 3:15 PM C.D.S.T.

A flock of blackbirds estimated at 2000 individuals was seen engaging in elaborate aerial maneuvers, twisting & turning & swooping up to great heights only to come soon into an abrupt stop in a leafless tree in a farm-yard at N.W. corner of junction of state highways 152 & 33. While they were perched in the tree I identified many both Agelaius phoeniceus & A. tricolor males among them. The flock was over half composed of birds in ♀ plumage. A second series of maneuvers indulged in a few minutes later was not so long continued nor so elaborate, and ended in flock splitting into several smaller ones which perched in various trees or on wires in the vicinity.

- 19-21 mi. S. Mendota, Fresno Co., Calif.

The country here is very desolate, not plowed or disked and yet with practically no vegetation on the ground. However, in the two areas represented by the mileages mentioned S. from Mendota (along hiway 33), we saw flocks of Mountain Plover [see sp. account].

Dec. 20 (p.4): At the latter locality (21 mi. S.) the flock was mixed with Horned Larks. Here also a side road leads off the paved road to the east to join a service road along a hi. tension power line which more or less parallels the highway. Since there was a large flock of com. ravens on the ground near the power line, we drove over to count them + investigate — also to look for cranes on the low flat we could just see in the distance. The flock of ravens, estimated at 80, straggled up to perch on the power lines and a few to heckle a pair of golden eagles [see 4 acc.] perched a few towers away.
— — — No cranes. The only other bird seen near here was 1 Say's Phoebe.

Dec. 21 - State Elk Preserve + vicinity, Tupman, Kern Co., Calif.
We left Taft at 8:10 this AM + came here after stopping along Kern Canal + River at NW. end of Buena Vista Lake Bed: The canal has stagnant water all along it (with a few song sparrows, etc., in brush nearby); the river is absolutely dry, and Buena Vista Lake nearly so despite recent rains in the state (but I don't know about here).

Journal

Dec. 21 - (p.2). along the canal near hiway US. 399 bridge the following birds were seen:

Great Blue Heron - 2
(Am.) Common Egret - 3
Snowy Egret - 3
Mallard - 1 ♀ flew up & circled overhead repeatedly.
Red-tailed Hawk - 2
Coot - 1
Long-billed Marsh Wren — 1 heard.
English & Song Sparrows.

Calif. Quail - 1 (flew across road in saltbush area 2 mi. S. of here)

At the preserve itself we drove in the road which crosses the canal just E of Tupman & looked around the picnic area (with somewhat tumbledown buildings) & along canal bank in willows there. We found no elk here, but tallied a few birds [see below] and drove out again to just NW of Tupman where elk were grazing or resting all across the flats inside the fence but on highway side of the willow-bordered canal. [See entry under Cervus nannodes].

The following birds were also noted either in ~~the~~ preserve itself or along the road from Tupman to Buttonwillow & vicinity, the land in this area being irrigated farmland, with either ripe cotton or green alfalfa now on it:

Cogswell
1948

Journal

Dec. 21. (p.3) Tupman to Buttonwillow, Kern Co., Calif. (cont'd)

Pied-billed Grebe - 5 (on canal)
Great Blue Heron - 5 (along canal)
Common Egret - 5 (in fields)
Snowy Egret - 1 (on canal)
Red-tailed Hawk - 3
Marsh Hawk - 3
Sparrow Hawk - 8
Killdeer - 25±

(* = entry in species account)

* Mourning Dove - 5 (perched in trees above grazing elk)
Red-shafted Flicker - 4
* Downy Woodpecker - 1
Say's Phoebe - 1
Crow - 2 (or? Raven)
Mockingbird - 1
Robin - 2
Ruby-crowned Kinglet - 1 heard
* Water Pipit - 2000 (est.)
Loggerhead Shrike - 5
Audubon's Warbler - several
English Sparrow - common in Buttonwillow
West. Meadowlark - 35±
Red-winged Blackbird - 500±
Brewer's Blackbird - 200±
White-crowned Sparrow - 1+
* Golden-crowned Sparrow - 1

- Carrizo Plain, S.E. San Luis Obispo Co., Calif.

We detoured thru here on the advice of Carl Koford, who said this is the place for cranes, which we want to see again. The major part of the plain is now plowed or disked + wide expanses are nothing but bare earth. Even where not turned up the soil is practically bare, and

Cogswell
1948

Journal

Dec. 21 (p.4) Soda Lake ~~is now~~ has only a little water in the middle of a large alkali area. Scanning of all likely looking areas (those with anything resembling grass) revealed <u>no cranes</u>. The only birds recorded in the whole area, from NE of Soda Lake past its west shore to SE end of plain, were:

Sparrow Hawk - 2
* Horned Lark - 2500 est. (3 large flocks)
* Common Raven - 163 (counted),
Mountain Bluebird - 10 ±
Loggerhead Shrike - 2
House Finch - 20 ± { all at corral 2+ mi. from
Savannah Sparrow - 2 { SE. end of plain).

- <u>along Caspar Rd., 4 #6 mi. E & 1½ mi. S of Port Hueneme, Ventura Co., Calif.</u> (1-3 mi. from Laguna Mugu — salt water). Birds in Ventura Co. & Mugu Game "Preserves" [duck shooting clubs] were scanned from the road. Only a few items of interest recorded under the following species accounts:

Gadwall
Turkey Vulture
White-tailed Kite
Red-shouldered Hawk
Peregrine Falcon
Ring-necked Pheasant
Tree Swallow
Tri-colored Blackbird

Dec. 25 - Recreation Gun Club to Ballona Creek from 1 mi. inland to mouth, Venice and Playa del Rey, L.A. Co., Calif. - From about 9:00 to 11:15 A.M. I surveyed the areas here which I expect to cover on the Los Angeles Christmas Bird Count day after tomorrow. Weather clear & cold. The large mud-flat, where the shorebirds & gulls were always in greatest abundance up to a year or so ago at least, has been diked so that tide does not enter it. The slight % of it that was covered with recent rain water apparently offered no attraction. The "marsh" here is being rapidly abolished by draining, diking, & mosquito control operations year after year. However several good "northern" birds were on the nearby lagoons:

Holboell's Grebe - 1 (see species acct)
Horned Grebe - 5±
Golden-eye - 37 (see species acct).
Bufflehead - 77

and contrastingly there were also 2 Black-necked Stilts at the lagoon by the N. entrance to Ohio Oil Co. — the same area where two wintered in previous years.

Cogswell
1948

Journal

Dec. 26 · summit of Mt. Wilson, alt. 5700-5750', San Gabriel Mts., Los Angeles Co., Calif. Together with Dr. Robt. L. Taylor of Flintridge and Ralph Mall & Arnold Small of Los Angeles I arrived here at 6:40 A.M. (C.D.S.T.), about an hour before daylight. We covered all strategic points of the summit area listening for owls, but heard none. Wind blowing up to 30 m.p.h. or so in gusts made effective listening difficult. Just before dawn the wind died down to nearly 0 (at times) — but still no owls.

There was about 1 ft. of snow in all protected places; minimum temp last night (as recorded on max.-min. temp at observatory) was 26° F.

Starting a re-coverage of the area as soon as it was light we tallied the following birds as our share of the Pasadena Christmas Bird Count:

Red-shafted Flicker	1	Brown Creeper	1
Acorn Woodpecker	7	White-breasted Nuthatch	4
Red-breasted Sapsucker	1	*Wren-tit (♂, ♀ heard singing at dawn).	2
Nuttall's Woodpecker	1		
Steller's Jay	19	Bewick's Wren	1
Scrub Jay	5	*Varied Thrush	1
Mountain Chickadee	16	Townsend Solitaire(?)	1 ♀
Plain Titmouse	2	Cassin's Finch	13

Dec. 26 (contd). Oregon Junco - 35 (estimated),
(mostly in flock around hotel feeding station).
Golden-crowned Sparrow - 1 immature.
(at edge of chaparral on S. face of "summit").

Dec. 27 - Baldwin Hills in area around La Brea, Slauson, & Centinela aves., southwestern Los Angeles, Calif.

6:40 - 7:40 A.M.
1:25 - 5:00 P.M. } see below:

- Recreation Gun Club & Ballona Creek areas, Venice & Playa del Rey, Los Angeles Co., Calif.

8:00 - 8:30 AM ; 9:45 AM - 12:10 PM.
5:00 - 6:00 P.M.

Ralph Mall & I covered the above 2 areas during the times indicated as our part of the Los Angeles Christmas Bird Count. Altho the count is published in Audubon Field Notes all birds are listed there in one master list; but since we segregated our count by habitats, it seems worthwhile to record the results here. The weather was a series of showers approaching from NW every hour or two until early afternoon, when the clear period lasted a bit longer and we got out into the canyon above Holy Cross Cemetery for most of our land birds. Species marked * in the following list have entries under the respective species headings:

Cogswell
1948

Journal

Dec. 27 (p. 2).

Column No:-	I	II	III	IV	V
Habitat:	salt marsh + estuary	weedy field + tidal creek	beach + jetty	barnyard, Cemetery, golf course	~~Fields & Roadside~~ Fields & Roadsides
Hrs. spent observing in each:	2:55	1:00	:30	:45	2:50
Common Loon	1				
Arctic Loon	1				
*Holboell's Grebe	1				
Horned Grebe	2				
Eared Grebe	8	15			
Western Grebe			1+		
Pied-billed Grebe	1				
Double-crested Cormorant	3				
Great Blue Heron	12				
Common Egret	7	9			
Snowy Egret	30	10			
Black-crowned Night Heron	14	8±			
Gadwall	2				
Baldpate	25±	4			
Pintail	400±				
Green-winged Teal	60				
Shoveller	400±				
Canvasback	40				
Lesser Scaup Duck	160	15			
Bufflehead [cf. Dec. 25 same area]	1 ♀				
Ruddy Duck	90±	100±			
Red-breasted Merganser	10±	4			
Surf Scoter			many.		
Sharp-shinned Hawk					1
Red-tailed Hawk				2	4

Cogswell

1948

Journal

Dec. 27 - (p.3.) - Column No. (see p.2) -	I	II	III	IV	V
Marsh Hawk	2				2
Sparrow Hawk				3	10
California Quail					8
Clapper Rail	1	1			
Am. Coot	350±	10			
Snowy Plover			15±		
Ringed Plover	27				
Killdeer	5				13
Black-bellied Plover	180±	5			
Surf-bird			9		
Ruddy Turnstone			1+		
Black Turnstone [many for this locality]			25±		
Long-billed Curlew	2				
Hudsonian Curlew	4	2	2		
Willet	700±	300±			
Least Sandpiper [notably few]	8+				
Red-backed Sandpiper	150±				
Dowitcher	500±				
Western Sandpiper	1000±				
Marbled Godwit	200±				
Sanderling			many		
Am. Avocet	200±				
Black-necked Stilt	2				
Glaucous-winged Gull	1		many		
Western Gull			"		
Herring Gull	2				
California Gull	60±	10±			

Cogswell

Journal

Dec. 27 (p. 4). column No. (see p. 2) →

	I	II	III	IV	V
Ring-billed Gull	15±	10±			
Short-billed Mew Gull	10				
*Franklin's Gull	1				
Bonaparte's Gull	500±				
Heermann's Gull			1+		
Forster's Tern			1		
Mourning Dove	13			8	30
Chinese Spotted Dove	1			1	
Burrowing Owl				1	1
Anna's Hummingbird				3	1
Belted Kingfisher	2	2			
Red-shafted Flicker				1	
Say's Phoebe				[illegible]	1
*Horned Lark					600±
Bush-tit } in low brush in canyon above cemetery.					30±
House Wren }					4
Bewick's Wren }					1
Mockingbird				3	
Ruby-crowned Kinglet				1	
Water Pipit	1	2			
Loggerhead Shrike	1	2			2
Audubon's Warbler				9	
Yellow-throat		2		1	2
English Sparrow				80±	
West. Meadowlark	7	17		2	28
Red-wing (Com.)				5	4
Brewer's Blackbird				120±	

Journal

Dec. 27. (p.5) column No. → (see p. 2).

	I	II	III	IV	V
* Brown-headed Cowbird				12	
House Finch	5	2		24	400±
Am. Goldfinch				1	3
Green-backed Goldfinch					5
Brown Towhee				1	11
Savannah Sparrow	70±				9+
(including at least: Belding's -	1				
Large-billed -	4+				
White-crowned Sparrow -	15	3		14	320±
Song Sparrow				4	12

Dec. 29 (28 overwritten). Laguna Mugu, Ventura Co. Calif. - While we were looking over the shorebirds, etc; from Highway US-101 here, the Goodyear blimp came flying over the area at a good 800 - 1000 feet altitude. The birds picked up en masse & flew around & around only settling down again after the blimp had passed. Pelicans, cormorants, great blue herons, shorebirds, gulls, & ducks were all in the flocks giving this response. A plane flying over at that altitude would not cause such a flight I am sure. However, on Dec. 21, tho I didn't write it up at the time, a similar flight including masses of ducks + geese occurred when a rocket was fired from the guided missile center here.

Cogswell
1948

Journal

Dec. 30 - San Luis Obispo and 2 mi. SW to vicinity of Laguna School, San Luis Obispo Co., Calif. Starting the daytime coverage of the Morro Bay Christmas Bird count area at 8:20 A.M. we worked along fields with weedy borders and along 2 short stretches of willow-bordered stream beds for about 1½ hrs. with ½ hr. or so more around the cemetery at edge of town. The complete list of birds counted (in my roll book) includes a few noteworthy items:

Red-breasted Com. Sapsucker - 1 on pepper tree of row of such trees around cemetery

Robins, west. Bluebirds, & Waxwings - in flocks around the cemetery; these were only ones of these species seen in the area. They fed both on the pepper tree berries, and on pyracantha berries from sprigs which had been placed on graves.

Audubon Warbler - [see sp. account].

Tri-colored Blackbird - " " "

Brown-headed Cowbird - " " "

- Los Osos Valley, 6 mi. W & 1 mi N of San Luis Obispo, S.L.O. Co., Calif - a single 30±-acre plowed field with some standing water contained an estimated 250 Killdeer & 600 Black-bellied Plover. 3 Snipe were also flushed from the grass along the small creek by a red-tailed hawk which stooped from trees near Los Osos School

Cogswell

1948

Journal

Dec. 30 · (p.2) either at them or something else nearby.

South end of Morro Bay, San Luis Obispo Co., Calif.

From 11:00 to 11:30 I walked along a beautiful unspoiled beach with flocks of birds on the sand amid giant pismo clam shells. The long strand running up to the north from here, separating Morro Bay from the ocean, is a wonderful spot for the study of dune vegetation. Birds seen on the beach or ocean nearby were:

Common Loon - 1
Red-throated (?) Loon - 1
Brown Pelican - 1
Black Brant - 8 (flew over)
Baldpate - 5 (" ")
Scoters - 300 est.
but including:
White-winged - 21 +
Surf — 5 +
* Turkey Vulture - 2
Red-tailed Hawk - 1
Snowy Plover - 14
Black-bellied Plover - 2
Long-billed Curlew - 1
Willet - 250 ±
* Least Sandpiper 150 ±
* Western Sandpiper 2
Marbled Godwit 50
Sanderling - 13
Gulls (unident.) - 20 ±
Glaucous-winged Gull - 2
Western Gull - 6
Herring Gull - 2
Heermann's Gull - 1
* Royal Tern - 1
Say's Phoebe - 1 (on dunes)
Horned Lark - 2 (")
Loggerhead Shrike - 2 (") at this spot rather birdsly.

(*= species account entry).

Journal

Dec. 30 (p.3) Baywood Park, S.E. side of Morro Bay, San Luis Obispo Co., Calif. - Hunters here were bringing in several ducks apiece from boat-shooting in the bay. I saw the following in about 5 men's bags:

3	black brant	3	lesser scaup { none seen near shore all day
1	baldpate	1	- ♀ bufflehead
1	green-winged teal	4	- surf scoter
1	shoveller	10±	- ruddy duck

There were thousands of coots all across the S. end of the bay, but the hunters payed less attention to them than they did to the hunters. Many ruddies were scattered thru the flocks of coots.

From the shore just N. of the "town" I scanned the bay & then worked around the E. side to the State Park. Estimates of total waterfowl population will be entered below -

- Morro Bay, San Luis Obispo Co., Calif. [from N. of Baywood Park around E. end to State Park boat landing & then to N. side of bay mouth]. This afternoon we covered this area for a Christmas Bird Count, but I took no notes while doing it, since there were so many birds I was too busy. The number of hunters in the S. end of the bay resulted in most of the ducks being huddled in masses around in the salicornia marshes

Cogswell
1948

Journal

Dec. 30 (p. 4) of the state park area; and the brant circled & circled high over the bay, but only once were successful in getting down on the water. Our tally of the birds in this area follows, all large numbers being estimates: [* = entry under species account].

- Common Loon - 2
- Arctic Loon - 1
- Red-throated Loon - 2
- Horned Grebe - 20 ±
- Eared Grebe - 12 +
- Western Grebe - 25 ±
- Pied-billed Grebe - 2
- White Pelican - 100 ±
- Brown Pelican - 14
- Double-crested Cormorant - 45 ±
- * Great Blue Heron - 63
- Am. Com. Egret - 12
- Snowy Egret - 2
- * Whistling Swan - 1
- Brant - 700 ±
- Dabbling ducks (sp.?) - 1000 + (because too far away)
- Baldpate 160
- Pintail 700
- Green-winged Teal - 800
- Shoveller 300 +
- Canvasback 3
- Surf Scoter - 100 +
- Ruddy Duck - 350 (including 250 at Baywood)
- Turkey Vulture - 3
- Cooper's Hawk - 1
- Red-tailed Hawk - 1
- Marsh Hawk - 2
- * Peregrine Falcon - 1
- Sparrow Hawk - 1
- Coot - 3700 (including 3000 at Baywood.)
- Black-bellied Plover - 22
- Semipalmated Plover - 6
- * Long-billed Curlew - 65 ±
- Willet - 5000 ±
- Spotted Sandpiper - 1
- * Knot - 14 (in one flock)
- Greater Yellow-legs - 8
- small sandpiper (sp.?) - 2800
- Least Sandpiper - 500 ±
- Red-backed Sandpiper - 9
- Dowitcher - 20
- Marbled Godwit - 1400 ±
- Avocet - 120 ±

Journal

Dec. 30 (p. 5.)

Gull (sp?) - ~~7~~ 10	California Thrasher - 1
~~Gl~~ Glaucous-winged Gull - 4	Hermit Thrush - 1
Western Gull - 50±	Ruby-crowned Kinglet - 2
Herring Gull - 1	Audubon's Warbler 30±
Calif. Gull - 2	* Myrtle Warbler - 1
Ring-billed Gull - 20±	Yellow-throat - 4
* White-throated Swift - 70±	West. Meadowlark - 2
Belted Kingfisher - 2	Red-wing 6
Black Phoebe - 3	Spotted Towhee - 1
Say's Phoebe - 1	Savannah Sparrow - 60±
Bush-tit - 10±	White-crowned Sparrow - 10
Wren-tit - 5	Fox Sparrow - 1
Bewick's Wren - 1	Song Sparrow - 7
Long-b. Marsh Wren - 1	

Cogswell
1948

Species Index to Journal - 1948

(Central Calif. - Oct - Dec.)
(+ few in so. Calif. - Dec.)

BIRDS! (A.O.U. order) page numbers in Journal

Gavia immer - Com. Loon - 12, 24, 38, 43, 45
" arctica - Arctic (Pacific) Loon - 24, 38, 45
" stellata - Red-throated Loon - 12, 21, 24, 43, 45
" sp. - Loon sp.? - 21
Colymbus grisegena - Holboell's Grebe - 24, 35, 38
" auritus - Horned Grebe - 12, 17, 24, 35, 38, 45
" caspicus - Eared Grebe - 8, 12, 17, 24, 38, 45
Aechmophorus occidentalis - West. Grebe - 8, 12, 13, 17, 21, 24, 38, 45
Podilymbus podiceps - Pied-billed Grebe - 12, 19, 21, 24, 33, 38, 45
Pelecanus erythrorhynchos - White Pelican - 13, 25, 29, 45
" occidentalis - Brown Pelican - 12, 21, 25, 41, 43, 45
Phalacrocorax auritus - Dbl.-crested Cormorant - 6, 12, 21, 25, 38, 41, 45
" penicillatus - Brandt's Cormorant - 21, 25
" pelagicus - Pelagic Cormorant - 12, 25
Ardea herodias - Great Blue Heron - 5, 6, 7, 12, 13, 21, 25, 29, 32, 33, 38, 41, 45
Casmerodius albus - (Am.) Com. Egret - 7, 8, 12, ~~38, 45~~ 21, 25, 29, 32, 33, 38, 45
Leucophoyx thula - Snowy Egret - 32, 33, 38, 45
Nycticorax nycticorax - Black-cr. Night Heron - 25, 38
Cygnus columbianus - Whistling Swan - 45
Branta b. nigricans - Black Brant - 25, 43, 44, 45
Philacte canagica - Emperor Goose - 25
Chen hyperborea - Snow Goose - 29
Anas platyrhynchos - Mallard - 12, 19, 20, 25, 29, 32
" strepera - Gadwall - 29, 38
" acuta - Pintail - 8, 12, 17, 20, 21, 25, 29, 38, 45
" carolinensis - Green-winged Teal - 12, 29, 38, 44, 45
" discors - Blue-winged Teal - 19
" cyanoptera - Cinnamon Teal - 12, 19
Spatula clypeata - Shoveller - 20, 29, 38, 44, 45
Mareca americana - Baldpate - 8, 25, 29, 38, 43, 44, 45
Aythya collaris - Ring-necked Duck - 6, 12, 19, 20
" valisineria - Canvasback - 12, 17, 19, 20, 21, 38, 45
" affinis - Lesser Scaup - 6, 8, 12, 17, 19, 20, 21, 25, 38, 44
Bucephala americana - (Am.) Com. Golden-eye - 17, 19, 20, 21, 25, 35
" albeola - Bufflehead - 21, 25, 35, 38, 44
Histrionicus histrionicus - Harlequin Duck - 25
Melanitta deglandi - White-winged Scoter - 21, 25, 43
" perspicillata - Surf Scoter - 8, 21, 25, 38, 43, 44, 45
" sp.? - Scoter sp.? - 12, 18
Oxyura jamaicensis - Ruddy Duck - 6, 8, 12, 18, 21, 25, 38, 44, 45
Mergus serrator - Red-breasted Merganser - 7, 12, 18, 21, 25, 38
Cathartes aura - Turkey Vulture - 12, 25, 43, 45
Accipiter s. velox - Sharp-shinned Hawk - 12, 15, 25, 38
" cooperii - Cooper's Hawk - 45
Buteo jamaicensis - Red-tailed Hawk - 12, 15, 19, 25, 32, 33, 38, 43, 45
" regalis - Ferruginous Rough-leg - 28
Aquila chrysaëtos - Golden Eagle - 31
Circus cyaneus - Marsh Hawk - 15, 33, 38, 45
Falco peregrinus - Duck Hawk - 25, 45
" sparverius - Sparrow Hawk - 8, 12, 25, 33, 34, 39, 45
Lophortyx californica - Calif. Quail - 12, 15, 19, 20, 25, ~~38~~ 39
Phasianus colchicus - Ring-necked Pheasant - 15
Rallus longirostris - Clapper Rail - 8, 39
" limicola - Virginia Rail - 12, 19, 20

Cogswell
~~1950~~
1948

Species Index to Journal - 1948
(cont'd)

Porzana carolina - Sora Rail - 19, 20
Gallinula chloropus - Black Gallinule - 29
Fulica americana - Am. Coot - 8, 12, 13, 18, 19, 20, 21, 26, 28, 29, 32, 39, 45
Haematopus bachmani - Black oyster-catcher - 26
Charadrius alexandrinus - Snowy Plover - 39, 43
" hiaticula - Semipalmated Plover - 8, 39, 45
" vociferus - Killdeer - 1, 7, 8, 12, 18, 26, 29, 33, 39, 42
Eupoda montana - Mountain Plover - 30
Squatarola squatarola - Black-bellied Plover - 1, 8, 18, 26, 39, 42, 43, 45
Aphriza virgata - Surf-bird - 39
Arenaria interpres - Ruddy Turnstone - 8, 39
" melanocephala - Black Turnstone - 39
Capella gallinago - (Wilson's) Com. Snipe - 8, 12, 19, 20, 42
Numenius americanus - Long-billed Curlew - 29, 39, 43, 45
" phaeopus - Hudsonian Curlew - 8, 39
Actitis macularia - Spotted Sandpiper - 25, 45
Catoptrophorus semipalmatus - Willet - 1, 7, 8, 18, 25, 39, 43, 45
Totanus melanoleucos - Gr. Yellow-legs - 8, 12, 26, 29, 45
Calidris canutus - Knot - 45
Erolia minutilla - Least Sandpiper - 1, 8, 18, 26, 29, 39, 43, 45
" alpina - Red-backed Sandpiper - 1, 8, 18, 39, 45
Limnodromus sp. - Dowitcher - 8, 29, 39, 45
Ereunetes mauri - Western Sandpiper - 1, 7, 8, 18, 26, 39, 43
Limosa fedoa - Marbled Godwit - 1, 3, 8, 18, 39, 43, 45
Crocethia alba - Sanderling - 18, 26, 39, 43
Recurvirostra americana - Am. Avocet - 1, 8, 18, 26, 39, 45
Himantopus mexicanus - Black-necked Stilt - 35, 39
Larus glaucescens - Glaucous-winged Gull - 1, 6, 8, 12, 18, 19, 21, 26, 39, 43, 46
Larus occidentalis - Western Gull - 1, 8, 12, 18, 21, 26, 39, 43, 46
" argentatus - Herring Gull - 6, 8, 12, 18, 19, 26, 39, 43, 46
" californicus - California Gull - 1, 6, 8, 12, 18, 19, 21, 26, 29, 39, 46
" delawarensis - Ring-billed Gull - 1, 6, 8, 12, 18, 19, 22, 26, 29, 40, 46
" canus - (Short-billed) Mew Gull - 12, 18, 40
" heermanni - Heermann's Gull - 26, 40, 43
" philadelphia - Bonaparte's Gull - 7, 8, 18, 22, 26, 40
" pipixcan - Franklin's Gull - 40
Sterna forsteri - Forster's Tern - 1, 6, 7, 8, 18, 40
Thalasseus maximus - Royal Tern - 43,
Uria aalge - Com. Murre - 26,
Cepphus columba - Pigeon Guillemot - 26,
Columba fasciata - Band-tailed Pigeon - 26
Zenaidura macroura - ~~m~~ Mourning Dove - 13, 33, 40
Streptopelia chinensis - Chinese Spotted Dove - 40,
Tyto alba - Barn Owl - 12,
Speotyto cunicularia - Burrowing Owl - 40
Aeronautes saxatalis - White-thr. Swift - 46
Calypte anna - Anna's Hummingbird - 12, 40
Megaceryle alcyon - Belted Kingfisher - 12, 13, 26, 40, 46
Colaptes cafer - Red-shafted Flicker - 3, 5, 12, 15, 19, 26, 33, 36, 40
" auratus - Yellow- " " - ~~[illegible]~~, 19,
Balanosphyra formicivora - Acorn Woodpecker - 15, 20, 36
Sphyrapicus varius - Red-breasted Sapsucker - 15, 36, 42
Dendrocopos villosus - Hairy Woodpecker - 16,

Species Index to Journal — 1948

BIRDS (cont'd): (cont'd)

Dendrocopos pubescens — Downy Woodpecker — 16, 19, 33
" nuttallii — Nuttall's " — 16,
Sayornis nigricans — Black Phoebe — 12, 16, 19, 26, 46
" saya — Say's Phoebe — 12, 26, 31, 33, 40, 43, 46
Eremophila alpestris — Horned Lark — 31, 34, 40, 43
Cyanocitta stelleri — Steller's Jay — 10, 19, 36
Aphelocoma coerulescens — Scrub Jay — 9, 10, 12, 16, 19, 26, 36
Corvus corax — (Am.) Raven — 12, 26, 31, 34.
" brachyrhynchos — Am. Crow — 16, 27, 33
Parus gambeli — Mtn. Chickadee — 36,
" rufescens — Chestnut-backed Chickadee — 19, 20
" inornatus — Plain Titmouse — 5, 16, 19, 36
Psaltriparus minimus — Bush-tit — 5, 10, 12, 15, 19, 27, 40, 46
Sitta carolinensis — White-br. Nuthatch — 16, 36.
~~Creeper~~ Certhia familiaris — Creeper — 36
Chamaea fasciata — Wren-tit — 10, 12, 16, 19, 27, 36, 46
Troglodytes aedon — House Wren — 40
Thryomanes bewickii — Bewick's Wren — 12, 16, 19, 27, 36, 40, 46
Telmatodytes palustris — Marsh Wren — 12, 32, 46
Salpinctes obsoletus — Rock Wren — 16
Mimus polyglottos — Mockingbird — 33, 40
Toxostoma redivivum — Calif. Thrasher — 16, 46
Turdus migratorius — Robin — 3, 10, 16, 19, 27, 33, 42
Ixoreus naevius — Varied Thrush — 10, 19, 27, 36
Hylocichla guttata — Hermit Thrush — 10, 12, 16, 19, 46
Sialia mexicana — West. Bluebird — 12, 16, 27, 42
Sialia currucoides — Mountain Bluebird — 34
Myadestes townsendi — Townsend's Solitaire — 36
Regulus satrapa — Golden-cr. Kinglet — 10, 20
" calendula — Ruby-cr. " — 10, 12, 15, 19, 27, 33, 40, 46.
Anthus spinoletta — Am. Pipit — 12, 16, 27, 40
Bombycilla cedrorum — Cedar Waxwing — 42
Lanius ludovicianus — Loggerhead Shrike — 12, 27, 33, 34, 40, 43
Vireo huttoni — Hutton's Vireo — 16, 19
Vermivora celata — Orange-cr. Warbler — 3
Dendroica coronata — Myrtle Warbler — 10, 19, 20, 46
" auduboni — Audubon's Warbler — 10, 12, 16, 19, 20, 27, 33, 40, 42, 46
" townsendi — Townsend's " — 19
Geothlypis trichas — Yellow-throat — 40, 46
Passer domesticus — English Sparrow — 8, 9, 32, 33, 40
Sturnella neglecta — West. Meadowlark — 8, 9, 12, 13, 16, 27, 33, 40, 46
Agelaius phoeniceus — Red-wing — 16, 30, 33, 40, 46
" tricolor — Tricolored Redwing — 30, 42
Euphagus cyanocephalus — Brewer's Blackbird — 16, 27, 33, 40
Molothrus ater — Cowbird — 41, 42
Carpodacus purpureus — Purple Finch — 16, 19
" cassinii — Cassin's Finch — 36,
" mexicanus — House Finch — 12, 27, 34, 41
Spinus pinus — Pine Siskin — 10, 16, 19
" tristis — Am. Goldfinch — 41
" psaltria — Arkansas Goldfinch — 16, 19, 41
" lawrencei — Lawrence's Goldfinch — 16
Pipilo maculatus — Spotted Towhee — 12, 16, 19, 27, 46
" fuscus — Brown Towhee — 3, 12, 17, 19, 41
Passerculus sandwichensis — Savannah Sparrow — 8, 34, 41, 46
" " beldingi — 41
" " rostratus — 41

Cogswell
1948

Species Index to Journal - 1948 (cont'd)

BIRDS (cont'd):

Amphispiza belli - Bell's Sparrow - 17,
Junco oreganus - Oregon Junco - 17, 19, 36
Zonotrichia leucophrys - White-cr. Sparrow - 5, 12, 17, 27, 33, 41, 46
" coronata - Golden-cr. Sparrow - 17, 27, 33, 36
Passerella iliaca - Fox Sparrow - 10, 12, 17, 19, 27, 46
?-Melospiza lincolnii - Lincoln's Sparrow - 12
Melospiza melodia - Song Sparrow - 8, 10, 12, 17, 19, 27, 31, 32, 41, 46.

MAMMALS

Cervus nannodes - Dwarf Elk - 32
Odocoileus columbianus - Black-tailed Deer - 27
Phoca richardsonii - Harbor Seal - 27
Procyon lotor - Raccoon - 27
Sylvilagus audubonii - Aud. Cottontail - 27
Urocyon cinereoargenteus - Gray Fox 5
Whale sp? - 27
Zalophus californianus - Calif. Sea-lion 27

JOURNAL - 1949

JOURNAL - 1949

Jan 1 - July 31, Nov. 20 - Dec. 19, Dec. 19 - 28: pp. 1 - 44 - Central Calif.

128 - 143 - Central Calif, + So. Calif (pp. 137-143)

+ Index to Vertebrate Species referred to therein

(pp. 45-49 were omitted from this sequence; pp. 50 - 127 are filed separately, in Humboldt - Trinity Cos. notebook)

Cogswell
1949

Journal

Jan. 29. ½ mi. E (or slightly N of E) Alviso, Santa Clara Co., Calif. With Gordon Gullion & Seth Bailey in our car we arrived here shortly after 12 noon & met Mrs. Neilson of Campbell, Calif., who showed us the area in which several people from the San Jose area have been seeing a Sharp-tailed Sparrow [see species account]. The tide was still coming in during the early P.M. & during the time it took to locate the rare sparrow & while we waited for it to return several other items of interest were noted:

1 mouse (sp.?) which ran from among weeds along roadside and into a burrow under a rock firmly embedded in the substratum of the road. The mouth of the burrow was just about large enough to admit 3 of my extended fingers. About a dozen fresh droppings of this size: ▬ were scattered on the dirt floor of the opening.

Gulls foraged over the marshes, one large immature (Herring?) one in particular flying much like a Marsh Hawk in harrying actions. It once dove at something in the Spartina grass, & a small flock

Cogswell
1949

Journal

Jan. 29 (Cont.-p.2) of shorebirds flew from the spot.
One Clapper Rail was seen by several of us as it stalked in & over the dried Salicornia on the side of large dike just E. of Alviso. Two of the photographically minded men [including a Mr. Wool] later got pictures of a rail [the same one?].
For description of the marsh area here see entry under Ammospiza caudacuta. See also sp. accounts of Marsh Wren, & Savannah Sparrow.

- approx. 1½ mi. E. of Alviso, Santa Clara Co., Calif.
[See entry under Elanus leucurus].

- Dumbarton Bridge, San Mateo to Alameda Co., Calif. We drove across the bridge slowly, stopping briefly at the mud flats along the west approach & noted 15 Long-billed Curlews there. This is the spot Mrs. Junea Kelly says that one can always find them here. In the open bay under the high part of the bridge only a few scattered groups of Scaup (sp.?) and 1 + ♀ Golden-eye were seen; but in the salt ponds near KGO transmitter there were numerous Eared Grebes [see sp. account], some Shovellers and lots of Red-backed Sandpipers around the edges. In the unplowed fields N.W. of Newark 1 Burrowing Owl was present at the

Cogswell
1949

Journal

Jan. 29 (p. 3) same spot where we saw 2 in Sep. Meadowlarks and Robins were singing there also.

Jan. 30 - Golden Gate Bridge to Muir Beach, jctn. & Stinson Beach, Marin Co., Calif. - We drove here via Route 1. Western Bluebirds, Robins, and White-crowned Sparrows were the conspicuous small birds. Also saw 2+ Scrub Jays, 1 Turkey Vulture, 3 Red-tailed Hawks & 2 Ravens. At place where highway #1 comes close to Muir Beach there were at least 15 Wilson's Snipe [see species account] and numbers of Killdeers in a very wet pasture.

- Bolinas ~~Bay~~ Lagoon, Marin Co., Calif. — Large flocks of gulls & shorebirds rest on points along the N. shore at high tide. We were able to get out to one of them dryshod. The bay itself held fewer waterfowl than in Sep. — but more diving ducks. We covered the east & extreme NE shores from the road, and the aforementioned point on foot (at mouth of Paradise Creek); but did not go out on sand spit W. of bay. Numbers of people were digging for clams on the rocky beach W. of Bolinas & there were very few birds, except gulls, there.

[See entry in sp. accounts for: Mergus serrator;

Cogswell
1949 -

Journal

Jan. 30 (cont.), Larus canus, and Megaceryle alcyon and Leucophoyx candidissima.

– Marin Co. Park at Stinson Beach, Marin Co., Calif.

From about 1:15 to 2 P.M. we looked thru this fine little park which has scattered cottonwood & (alder?) trees, some of which had buds just opening, and tangles of blackberry vines & a climbing, ivy-leaved, yellow-flowered composite. Such an area located right next to a sandy beach seems an anomaly; but Marin Co. seems to be full of things like that.

A list of the birds observed in the 45 min. follows: [* = see species account]

Killdeer - 2+ (foraging on grass & gravel driveways in picnic areas — among trees!)
Glaucous-winged Gull - many overhead.
Hummingbird (sp.?) - heard
Red-shafted Flicker - 2
Downy Woodpecker - 1
Chestnut-backed Chickadee - 2
Bush-tit - flock heard
* House Wren - 1
Robin - 10±
Hermit Thrush - 1
Orange-crowned Warbler - 1 (prob. V.c. sordida)
Myrtle Warbler - 2+
Audubon's Warbler - 5

Cogswell
1949

Journal

Jan. 30 (cont. - p3) -

Purple Finch -	3	{("whisper-song" from ♀ plum. bird.)
House Finch --	2+	(heard)
Pine Siskin -	1	
Spotted Towhee -	1	
Brown Towhee -	1	
White-crowned Sparrow -	50 ±	
Golden-crowned Sparrow -	100 ±	
* Fox Sparrow -	5	
Song Sparrow -	15 ±.	

Feb. 5 - Berkeley to Lafayette, Concord, & thru Marsh Creek Road to eastern foothills of Mt. Diablo range, Contra Costa County, Calif. one Lewis Woodpecker [see sp. acct.] on a telephone pole along Lafayette - Martinez cut-off road about 2½ mi. N & 1 mi. W. of Walnut Creek. Mockingbirds were seen at 2 points along route 24 SW. of Concord.

The Marsh Creek Road area is excellent oak foothill country, with green grass now coming up on all the slopes. Mt. Diablo is still snow-covered for about 800 ft. below the peak. We stopped at a junction of roads some 2½ miles NE of the peak & watched 3 Golden Eagles [see sp. account].

Feb. 5 (p.2) – Along State Hi-way # 4 on Victoria Id. + along Trapper's Slough + Hooker Lake Tract, W + WSW of Stockton, San Joaquin Co., Calif. altho we didn't see any 1600 Whistling Swans (as reported from this area by Mrs. Juneа Kelly) we did see a number [see sp. account], one flock of 12 Canada Geese [" " "], + numbers of ducks. All the waterfowl seem to be feeding in open fields — swans included.

– Enroute from Stockton to Thornton, northwestern San Joaquin Co., Calif. The only noteworthy birds along this flat, open valley land were a group of 5 Red-backed Sandpipers with 3 Dowitchers in a small roadside pool some 5-6 mi. SE of Thornton.

– W. of Thornton, northwestern San Joaquin Co., Calif. – more Whistling Swans [see sp. acc't.] in open fields, and in a plowed field at N. end of Staten Id. (near fork in Mokelumne River) was the largest concentration of waterfowl seen all day:

25,000 ± Pintails
120 ± - Swans
50 ± - White-fronted Geese } see species accounts.
1+ - Mallard ("quack" of ♀ heard)

– from above locality, N along W side of Sacramento River + thru Yolo Basin to Broderick + Elkhorn

Journal

Feb. 5. (p.3) Ferry, Yolo Co., Calif. - no waterfowl concentrations. The fields of Yolo Basin are mostly freshly plowed — only a few still with rice stubble above ground. The only diving ducks of the day were seen along here — 12± Lesser Scaup on the river near Walnut Grove and 17 Canvasback on a small drainage slough.

- 4½ mi. E of Woodland, Yolo Co., Calif. Another concentration of waterfowl in a semi-flooded plowed field. What food they get in these places I do not know, but they grub along in the mud as well as pick things up from the surface —— and get pretty dirty in the process. This group contained:

Com. Canada Goose	70±	see sp. account.
Lesser " "	8+	
Mallard	30±	
Pintail	3000 est.	
Green-winged Teal	100±	

and a flock of 15 Snow Geese flew low & circled as though about to land, but continued on to westward.

- along hi-way 24, Sutter Basin, Sutter Co., Calif. Several more flocks of ducks, mostly pintails + a few mallards, in rice stubble and plowed fields

Journal

Feb. 5 (p. 4) However, there were very few birds in the Sutter By-pass slough — all the ducks seem to be out in the open fields now, even this late (5 - 5:30 P.M.) in the day.

Feb. 6 - along road S from Marysville, just E of Feather River, western Yuba Co., Calif. From 7:00 - 8:15 AM we drove about along this road to a point about 6 mi. S. of town. Several huge concentrations of Pintails, all with a few Mallards sprinkled in, were feeding or resting in rice stubble fields along the road. Perhaps total waterfowl nos. here well upwards of 50,000, altho we could ~~see~~ identify only a few of the closer ones. Estimates by species for this 1¼ hrs. are:

Whistling Swan - 15
Com. Canada Goose - 200
Lesser " " - 20
Mallard - 10+
Pintail 10,000+

at our farthest stop from Marysville (6± mi.), we spent 15 min. along the brushy & weedy border of a valley oak grove & noted the following land birds:

Journal

Feb. 6 (p. 2)
Turkey Vulture - 2 (1 perched in tall oak)
Red-shouldered Hawk - 1
* Band-tailed Pigeon - 50± flew over + 100± along road (see species account).
Red-shafted Flicker - 8±
Yellow-billed Magpie - 10±
Crow - 2
Plain Titmouse - 1
Bewick's Wren - 1 (heard "mreet" call)
Robin - 5±
Hermit Thrush - 1
Western(?) Bluebird - 8 in 1 flock, flying over.
Spotted Towhee - 4
Brown Towhee - 6
Oregon Junco - 15±
White-crowned Sparrow - 40± } + 20± more
Golden-crowned Sparrow - 3 } Zonotrichia sp.?
Song Sparrow - 2

In fields along the road we saw the usual Pipits, Savannah Sparrows, Meadowlarks and Blackbirds + a few Horned Larks; and at one stop (to investigate a Buteo which turned out to be a Red-tail) we saw a flock of about 25 Am. Goldfinches and 2 Green-backs. At a barnyard nearby one possible Starling (a "black bird" with a short tail) was glimpsed in a flock of Brewer's Blackbirds + Redwings but lost sight of.

Feb. 6 - (p.3) Gray Lodge State Game Refuge, southwestern Butte Co., Calif., and immediate vicinity.

From about 10 AM. to 1:00 PM. we drove slowly, or stopped & looked from car or afoot, along part of the roads within the refuge and estimated the birds seen at the end of our 3 hrs. The absence of any large concentration here is explained by Mr. Cowan, the refuge manager, by the fact that the ducks, geese, & swans are all spread out over the valley — feeding and resting wherever they find feeding good, now that there is no disturbance from hunters. Snow geese & diving ducks are more plentiful in the refuge because of greater dependence upon water.

The weather was increasingly cloudy, with very dark stratus clouds yielding drizzle of rain by noon & general steady rain by 1 PM. There was a cold wind blowing & consequently we saw little in the way of land birds. The area is a wonderful one for cat-tail & tule marsh + small open-water areas, adjacent fields, which I suppose are planted to grain earlier, and with nearby cottonwood & willow trees & open oak-grassland not far away near the Buttes.

Feb. 6 (p.4). Jack Rabbits were the only mammal noted — and a dozen or more of these were jumped without even trying. Our complete bird list follows, with entry under species heading for those marked with *:

AUDUBON
DAILY FIELD CARD
OF
BIRDS
Occurring in the
PACIFIC STATES
(California, Oregon and Washington)

Observer: Cogswells + Ted Eliot.

Locality: Gray Lodge Refuge, & v. Butte Co.

Date: Feb. 6, 1949 ; vicinity Time: 10:00 – 13:00.

Weather: cold, cloudy, rain by noon Wind:

Subspecies, with the exception of a few forms, easily recognizable in the field, are omitted.

Put a more detailed account of today's observations in a separate notebook. Maybe you have seen something new!

No.	
	Loon, Common
	Pacific
	Red-throated
	Grebe, Holboell's
	Horned
	Eared
	Western
10±	Pied-billed
	Albatross, Black-f.
	Short-tailed
	Shearwater, Sl.-bill.
	Sooty
	Black-vented
	Pink-footed
	Fulmar, Pacific
	Petrel, Fork-tailed
	Beal's
	Black
	Ashy
	Socorro
	Pelican, White
	California Brown
7	Cormorant, Farallon- in 1 flock
	Brandt's
	Baird's
	Man-o'-war-bird
15±	Heron, Great Blue
25±	Egret, American

No.	
	Egret, Brewster's
	Heron, Anth. Green
10±	Black-cr. Night
1	Bittern, American
	Least
	Ibis, Wood
	Wh.-faced Glossy
100±	Swan, Whistling
?	Goose, Canada } # of dark geese (sp?) seen.
?	Hutchins's
*1	Cackling
	Brant, Black
	Goose, Emperor
15±	White-fronted
200±	Snow
	Ross's
	Tree-duck, Fulvous
200±	Mallard
10±	Gadwall
	Widgeon, European
1	Baldpate
150±	Pintail
1000±	Teal, Green-winged
	Blue-winged
3	Cinnamon
400±	Shoveller
	Duck, Wood
	Redhead

No.	
	Duck, Ring-necked
	Canvas-back
	Duck, Greater Scaup
	Lesser Scaup
	Golden-eye, American
	Barrow's
17	Buffle-head
	Old-squaw
	Duck, Harlequin
	Scoter, White-winged
	Surf
	American
300±	Duck, Ruddy
	Merganser, Hooded
20±	American
	Red-breasted
2	Vulture, Turkey
	Condor, California
	Kite, White-tailed
	Goshawk
1	Hawk, Sharp-shinned
	Cooper's
3	Red-tailed +2 Buteo sp.?
	Red-bellied
	Swainson's
	Am. Rough-leg.
	Fer. Rough-leg.
	Harris's
	Eagle, Golden
	Bald
10±	Hawk, Marsh
	Osprey
	Falcon, Prairie
	Hawk, Duck
	Pigeon
2	Sparrow
	Grouse, Sooty
	Franklin's
	Ruffed
	Ptarmigan, Wh.-tailed
	Grouse, Sharp-tailed
	Sage Hen
	Partridge, Eur.
	Bob-white
	Quail, California
	Gambel's
	Mountain
100±	Pheasant, Ring-n.
	Crane, Little Brown
	Sandhill
	Rail, Cal. Clapper
	Virginia
	Sora
	Yellow
	Farallon
	Gallinule, Florida
150±	Coot
	Oyster-catcher, Black
	Plover, Snowy
	Semipalmated

No.	
	Plover, Mountain
3	Killdeer
	Golden
	Black-bellied
	Surf-bird
	Turnstone, Ruddy
	Black
	Snipe, Wilson's
	Curlew, Long-billed
	Hudsonian
	Sandpiper, Spotted
	Solitary
	Tattler, Wandering
	Willet
4	Yellow-legs, Greater
	Lesser
	Knot
	Sandpiper, Aleutian
	Pectoral
	Baird's
	Least
	Red-backed
4	Dowitcher, ~~Long-bill.~~
	Sandpiper, Western
	Godwit, Marbled
	Sanderling
6	Avocet
	Stilt, Black-necked
	Phalarope, Red
	Wilson's
	Northern
	Jaeger, Pomarine
	Parasitic
	Long-tailed
	Gull, Glaucous
	Glaucous-winged
	Western
1	Herring
4+	California }+ several sp.?
1+	Ring-billed }
	Short-billed
	Laughing
	Bonaparte's
	Kittiwake, Pac.
	Gull, Sabine's
	Tern, Gull-billed
	Forster's
	Common
	Arctic
	Brown's
	Royal
	Elegant
	Caspian
	Black
	Murre, California
	Guillemot, Pigeon
	Murrelet, Marbled
	Xantus's
	Craveri's
	Ancient

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No.	
	Auklet, Cassin's
	Paroquet
	Rhinoceros
	Puffin, Horned
* 50±	~~Tufted~~ Pigeon, Band-t.
	Dove, Mourning
	Chinese Spotted
	Ringed Turtle
	White-winged
	Mexican Ground
	Cuckoo, California
	Road-runner
	Owl, Barn
	Screech
	Flam. Screech
	Horned
	Snowy
	Hawk
	Pygmy
	Elf
1	Burrowing - at refuge Bldg.
	Spotted
	Great Gray
	Long-eared
	Short-eared
	Saw-whet
	Poor-will
	Nighthawk
	Texas
	Swift, Black
	Vaux's
	White-throated
	Hummingbird, Costa's
	Black-chinned
	Anna's
	Broad-tailed
	Rufous
	Allen's
	Calliope
1	Kingfisher, Belted
20±	Flicker, Red-shafted
	Gilded
	Woodpecker, Pileated
	Gila
	California
	Lewis's
	Sapsucker, Red-naped
	Red-breasted
	Williamson's
	Woodpecker, Hairy
1	Downy
	Cactus
	Nuttall's
	White-headed
	Arc. Three-toed
	Am. Three-toed
	Kingbird, Eastern
	Western
	Cassin's
	Flycatcher, Ash-thr.

No.	
1	Phoebe, Black
	Say's
	Flycatcher, Little
	Hammond's
	Wright's
	Gray
	Western
	Pewee, Western Wood
	Flycatcher, Olive-s.
	Vermilion
	Lark, Horned
	Swallow, Violet-green
	Tree
	Bank
	Rough-winged
	Barn
	Cliff
	Martin, Purple
	Jay, Rocky Mt.
	Oregon
	Steller's (Crested)
	California
	Santa Cruz
	Magpie, American
	Yellow-billed
	Raven, American
20±	Crow
	Jay, Piñon
	Nutcracker, Clark's
	Chickadee, Black-c.
	Mountain
	Chestnut-backed
	Titmouse, Plain
	Verdin
	Bush-Tit
	Nuthatch, Slender-b.
	Red-breasted
	Pygmy
	Creeper
	Wren-Tit
	Dipper
	Wren, House
	Winter
	Bewick's
	Cactus
	Marsh
	Canyon
	Rock
1	Mockingbird - at refuge Bldg.
	Catbird
	Thrasher, Bendire's
	California
	Leconte's
	Crissal
	Sage
10±	Robin
	Thrush, Varied
	Hermit
	Russet-backed
	Willow

No.		No.	
many	Pipit, American		Tanager, Western
	Bluebird, Western		Cooper's
	Mountain		Grosbeak, Bl.-head
	Solitaire, Townsend's		Blue
	Gnatcatcher, Western		Bunting, Lazuli
	Plumbeous		Grosbeak, Evening
	Black-tailed		Finch, Cal. Purple
	Kinglet, Golden-cr.		Cassin's Purple
	Ruby-crowned	several	House
	Waxwing, Bohemian		Grosbeak, Pine
	Cedar		Finch, Rosy
	Phainopepla		Redpoll
	Shrike, Northwestern		Siskin, Pine
1	California		Goldfinch
	Vireo, Hutton's		Green-backed
	Least		Lawrence's
	Gray		Crossbill, Red
	Cassin's		White-winged
	Red-eyed		Towhee, Green-tail
	Warbling	1	Spotted
	Warbler, Bl. and Wh.		Brown
	Lutescent		Albert's
	Dusky		Bunting, Lark
	Calaveras	several	Sparrow, Savannah
	Lucy's		Belding's
	Yellow		Large-billed
	Myrtle		Grasshopper
	Audubon's		Vesper
	Black-thr. Gray		Lark
	Townsend's		Rufous-crowned
	Hermit		Desert
	Water-Thrush, Grin.		Bell's
	Warbler, Macgilliv.		Sage
	Yellow-throat		Junco, Slate-colore
	Chat, Long-tailed	3	Oregon
	Warbler, Pileolated		Gray-headed
	Redstart, American		Sparrow, Tree
	Sparrow, English		Chipping
	Bobolink		Brewer's
100±	Meadowlark, Western		Black-chinned
	Blackbird, Yellow-h.	150	Gambel's
20,000±	Red-wing		Puget Sound
	~~Bicolored~~		Nuttall's
10++	Tricolored	1+	Golden-crowned
	Oriole, Ari. Hooded		White-throated
	Scott's		Fox
	Bullock's		Lincoln's
5000±	Blackbird, Brewer's	10±	Song
	Cowbird		Bunting, Snow

+ 30,000 blackbirds in 1 flock

Accidentals.....

Total Species.....Individuals.....

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Feb. 13 - Castro Point, Contra Costa Co., via Ferry to point Easterly from San Quentin, Marin Co., Calif. On the ferry from about 0800-0815. Weather clear & cool, water moderately rough. Several seals (Phoca richardii ?) were seen. Birds were scarce compared to our Dec. 18, 1948 trip here at about the same time of day:

Gavia (immer-?)	1	Larus glaucescens	many
Aechmophorus occidentalis	10±	" occidentalis	"
Aythya marila or affinis	5±	" californicus	"
Oxyura jamaicensis	many near N. shore	" delawarensis	several
Mergus serrator	3+♂ 2♀	" canus	" ?
Squatarola squatarola	1		

— also (on Castro Rocks) - about 5 or 6 Phalacrocorax, presumably penicillatus.

- Point Reyes & vicinity, Marin Co., Calif. - About 9:45 A.M., with Robert W. Storer, Seth Bailey, Gordon Gullion, & Bessie & Dennis Cogswell, I arrived (in Gullion's car) at the head of Drake's Estero; and we all began a search of the region from there to the Point for the Starlings (Sturnus vulgaris) which Gullion had seen here last Tuesday. [See species account for Starling records and for relationship of cattle ranchers here to possibility of any field work]. The habitat of most of the area along the road is

Feb. 13 Point Reyes & vicinity, Marin Co., Calif. - (cont.)
a near uniform lightly grazed pasture on low (to around 300') rolling hills. Some brushy spots in ravines or near a few fences harbored the Zonotrichias. On the steeper slopes of the actual "Point" near the lighthouse, seaside "chaparral" of a very low nature is the vegetation, with Lupinus arboreus (Per Storer) dominating the more protected & ∴ more sandy areas. This vegetation ceases abruptly at the fence line separating the Coast Guard property from the J.V. Mendoza ranch at the top of the last steep hill before the sea cliff. No extensive coverage of the seaside chaparral was made, but the Song Sparrows were all heard in it. ~~___~~ The following birds were seen:

	Pierce Ranch Road (see next pgs.)	head of Drake's Estero thru Mendoza Rch.	on or off the "Point"
Gavia (arctica-?)			2
Gavia (stellata-?)			3+
* Fulmarus glacialis			10+
Pelecanus occidentalis			8+
Phalacrocorax penicillatus			15±
" pelagicus			10±
Melanitta ~~fusca~~ dixoni			6
Cathartes aura	5±	2	2
Buteo (sp.?)	1	1	
Buteo jamaicensis	10±	3	

Feb. 13 Point Reyes & vicinity, Marin Co., Calif. (cont.)

	Pierce Rch Road	Estero thru Mendoza Rch	on or off the "Point"
Circus cyaneus	3	5 ±	
Falco peregrinus			1 +
" sparverius	5 ±	3	
Lophortyx californica	1 +	10 (covey)	
Charadrius vociferus	2 +		
* Uria aalge			3000 ±
Colaptes cafer	3	5 ±	
Dendrocopus villosus	1♂ (in Bishop Pines)		
Sayornis nigricans	2	1	
" saya	1 (at Kehoe Rch.)		
* Corvus corax		5 +	4 + 11 in 1 flock
Sitta pygmaea	3 + (in Bishop Pines)		
Turdus migratorius	many	300 ±	
Ixoreus naevius	10 ±	2	
Hylocichla guttata			1 (in lupine)
Sialia mexicana	10 ±	7 +	3 ♀
Anthus spinoletta		several heard (2+ seen)	
Lanius ludovicianus	1	3	
* Sturnus vulgaris		50 ±	
Dendroica auduboni	1	1 +	
Sturnella neglecta	100 ±	500 ±	
Agelaius phoeniceus	100 ±	20 ±	
" tricolor	3 + (♂s, at Kehoe & Pierce ranches)		
Molothrus ater	3+ ♂ 4 ♀ - ? (at Kehoe Ranch)		
Carpodacus mexicanus		5 ±	
Passerculus sandwichensis		10 ± (1 flock)	
Zonotrichia leucophrys		50 ±	5 ±
Melospiza melodia			2

Feb. 13 - Inverness Ridge, via road northerly & westerly past "H" Ranch McClure's Rch., Kehoe Rch., to Pierce Ranch at base of Tomales Point peninsula, Marin Co., Calif. - Land birds seen enroute here are listed with those of "Point Reyes & vicinity" above. All were in open, grazed farmland except the few labelled as "in Bishop Pines", which few we saw during a 15 minute stop therein. The farms here seem far less closely grazed than those toward Point Reyes. There is much brush from knee to waist high in the gullies & even on some quite flat slopes. We saw so many deer while driving along, that we decided to keep a count on the return trip ~~- which yielded~~ [see Odocoileus columbianus ~~[illegible]~~ species acct.]

Feb. 22 - Walnut Creek, Contra Costa Co., to Livermore, Alameda Co., Calif. 10:15 - 11:15 A.M. - Did bits of birding along the road here & there. Nothing unusual, but see Spinus tristis species account.

- SE of Livermore & up Arroyo Mocho Canyon (to 14 mi. marker), Alameda Co., Calif. Again looked over the country and occasional birds from the roadside. Lots of sycamores in the lower wash, but they seem to have much denser branching than in So. Calif.

Journal

Feb. 22 - (cont'd.) Arroyo Mocho Canyon, (to lower Digger Pines) Alameda Co., Calif.
Noteworthy birds included:

Columba fasciata - 1 flock of 130± over grain fields (alighted) 2 mi. SE of Livermore. 40 more seen in canyon mouth.

Sphyrapicus varius (ruber?) - 1, fully red-headed, working on orchard (apple? or ?) trees about 4 mi SE Livermore (outside of canyon proper)

Zenaidura macroura - flock of about 15 flushed from edge of same orchard.

Chondestes ~~grammacus~~ strigatus - about 5 (or more?) in dense elderberry at canyon mouth [see sp. account]

Sialia mexicana - 12 seen

Pica nuttallii - 2 seen

Aquila chrysaetos 1 [see sp acct]

Toxostoma redivivum - 2 [see sp acct]

Sayornis nigricans - 1 heard near stream well up in steep walled canyon.

- open hills E. of Livermore, Alameda Co. Calif.

Golden eagle — 2 (probably pair)

Raven - 1

Mar. 5 - Wildcat Canyon, Tilden Regional Park, Contra Costa Co., Calif - Vegetational survey trip by Ecology class under Dr. Pitelka did not allow time for much bird observation. See, however, the following species accounts:

Accipiter cooperi   Regulus satrapa

Lophortyx californica

Mar. 6 - Lakeport, Lake Co., Calif. - arrived here at 6:35 AM this morning. It is very wet all around, having rained for a week past according to local restaurant keeper. All the streams are running full, but are mostly of clear water. Driving 2 mi ± N. of town for a few minutes (7:10 - 7:40) we noted the following species along the lake shore & adjacent oak grassland farmland:

Pied-billed Grebe - 1	Red-shafted Flicker - 8
Western Grebe - 1	Acorn Woodpecker - 5
Canvasback - 1♂	Nuttall's " - 2
Great Blue Heron - 1	Black Phoebe - 1
Red-tailed Hawk - 1 im.	Crow - several
Calif. Quail - 7	Scrub Jay - 1
Calif(?) Gull 1+	Plain Titmouse - 4+
Coot - 150±	White-breasted Nuthatch - 1
Black Gallinule - 1	Robin - 3
	W. Meadowlark - 8±
	* Red-wing - many
	Brewer's Blackbird - "
	White-cr. Sparrow - 15±
	Song Sparrow - 1

Keithley Ranch, 3 mi. S. Lakeport, Lake Co. Calif.
We left the ranch house area about 9:00 A.M. & drove a short distance up the road toward Hopland & then hiked in northerly direction up farm road, canyon, & along ridge ~~hill~~ to

Mar 6. Keithley Rch., 3 mi. S. Lakeport, Lake Co., Calif. (p2)
the east of Scott Creek to where we could look over the 1000 Acre area on which the Pittman-Robertson deer-management study is to be made. R. D. Taber pointed out the area to the SSW of us, where a large region is covered with mature elfin-forest, the area where we were (already cut up & thinned out by several fires) to be "managed" by controlled burning, and a large, fairly even & complete burn to the W. of Scott Creek.

Our route on the hike traversed about mi. of oak woodland (to 'alt.) and about mi. of chaparral ( ) — with patches of chaparral ~~on~~ on some knolls even near our starting point.

Phenological Data:

Oak woodland: grasses & forbs: coming up rapidly & green; but not over 2" high.
oaks still leafless, only a few buds enlarging
red bud (?), & Sambucus glauca — few scattered bushes — still leafless.
arctostaphylos (mariposae ?)
" manzanita — many buds, few blossoms out.
[the 2 manzanitas species names by Taber].

Chaparral:
arctostaphylos — the same (?) 2 sp. — ditto on stage.
adenostoma fasciculatum — commonest sp. of any-

Mar. 6 - Keithley Rch., 3 mi. S. of Lakeport, Lake Co., Calif. (cont.) P.3
in this belt — almost pure stands on all S.-facing slopes which are sufficiently recovered from fire.

Ceanothus cuneatus
" foliolosa
" (integerrimus ?)
} species identified by others in party. C. cuneatus common on protected higher slopes. others fewer (or not noticed).

Cercocarpus betuloides - frequent on higher protected (but fairly recently burned) slopes & canyons.

Umbellularia californica - frequent on N. facing slopes where it is coming up thru chaparral on areas apparently burned over about 7 - 10 years ago.

Pinus tuberculata - very few stands in this whole region; biggest one (W. of Scott Creek) was burned in big fire last year.

Chlorogalum - common on rocky soil of ridges; most were just coming thru ground to a 2" rosette.

The area in general seems far more suitable for survey of chaparral animal life in relation to this burning program than any other Taber has told me of or shown me [see Mahnke Ranch account, my journal of Nov. 21, 1948]. It is certainly fairly accessible & has all stages of growth of chaparral — and in large chunks, too!

Complete list of birds & mammals seen on the ranch, tabulated by vegetation types, follows:

Cogswell
1949

Journal

Mar. 6 · Keithley Ranch, 3 mi. S. of Lakeport, Lake Co., Calif.

(cont., p. 4) - LIST OF VERTEBRATES seen from 8:00 AM - 1:00 PM ~~in~~ within association listed [* = entry in sp. acct.]

Species	Ranch Headq.	Oak Grassland	Chaparral
Ardea herodias		2 (separately, in flooded fields)	
Cathartes aura		3	7+
Buteo jamaicensis		1	2
Aquila chrysaetos		1	
Falco sparveria		1	
Lophortyx californica		3, 15+, 30±.	
Zenaidura macroura	4		
Colaptes cafer	1	1, 1, 1	1
* ~~Hylatomus~~ Dryocopus pileatus		1	
Balanosphyra formicivora	2	1	
* Iridoprocne bicolor	5+	1+	
Aphelocoma coerulescens		1, 1	1
Parus inornatus		2 (singing)	
Sitta carolinensis	1 (singing)	1	
Thryomanes bewicki			2
* Toxostoma redivivum			1, 1, 1, 3, 4 (singing)
Turdus migratorius	several	1, 2, 2, 3, 5+, 7 } at border of chaparral	
Ixoreus naevius		1, 4+ } at border of chaparral	
Sialia mexicana	2	4	
Regulus calendula		1	
Passer domesticus	common		
Sturnella neglecta	3 (singing)	2 (singing)	
Agelaius phoeniceus	several (flying over)		
Euphagus cyanocephalus	" "	2	

Mar. 6 - Keithley Ranch, 3 mi. S. of Lakeport, Lake Co., Calif.

(cont., p. 5) - species	ranch headqu.	oak grassland	chaparral
Carpodacus mexicanus	2 (1 singing)		
Spinus pinus			3 (flew over)
" psaltria	2+ (1 sang)	5	6±
Pipilo maculatus	1 pr.		
" fuscus		2	?
Junco oreganus	several	2, 1, 1, 150± (several singing)	20±
Zonotrichia leucophrys	" (1+ singing)		2+
" coronata	" (" ")		15± {at border of chaparral}
Mammals:			
Lepus californicus		5	
* Odocoileus columbianus			17 with fawn
(Thomomys sp.)		lots of workings in grassy areas	
(Scapanus sp.)		"	"
(Neotoma sp.)			1 nest seen.

Also at small farm pond just off Hopland Rd. in above area:

Anas platyrhynchos - 6 (3 on creek later = same?)
Mareca americana - 3

Mar. 12 - Slope N. of Wildcat Canyon Road just S. of SE end of San Pablo Reservoir, 600-900 ft., Contra Costa Co., Calif.

This morning was spent on vegetation survey (area # 2) for Ecology course (Zoo 125). Of interest among birds incidentally noted were:

Thryomanes bewicki } in frequent, regular song.
Vireo huttoni }
Cathartes aura - 2 together on rock near top of ridge (1 spreading wings).

Mar. 19 Gray Lodge Refuge, alt. 60-65', southwestern Butte Co. Calif. Came here with Dr. Leopold's class in Game Management, driving via Vallejo, Fairfield, cut-off road to W. & N. of Woodland, via Sutter Causeway (route 24) to Yuba City, & to Gridley, then W., S., & W. again to the refuge headquarters, arriving about 5:10 P.M. The week's rain just past has left everything soaked, with standing water on all low fields. The roads within the refuge are so muddy in spots we can't drive in; but we spent about 1½ hrs. (until dark) walking around 1 of the close-in loops. Items of special interest were: 2 ~~Charadrius vociferus~~ NESTS, 15 Branta canadenses ssp.? (probably minima), 1 Chen hyperborea (cripple?), lots of Lepus californicus & Phasianus colchicus. Full list of species will be made tomorrow.

Phenological notes: Everything much greener than 6 wks. ago. New shoots of Typha are about 8" high on average. Roadside weeds now green. No leaves on willow trees hereabouts, altho Aesculus & Salix were coming into leaf on hills E. of Vallejo.

Mar. 20 From 6 AM to about 7 AM I walked S. from headquarters along diked road & across weedy flats (partly flooded) to the road along S. boundary of refuge & return. From about 8 to 10:15 A.M. we went as a class, with refuge manager John Cowan &

Mar. 20
p.2

Gray Lodge Refuge, 60-65' alt. S.W. Butte Co., Calif.
Dr. Leopold leading, around a loop to near the center of the refuge and return — seeing in the field the results of the refuge management program here in force. This includes a heavy predator trapping program just before the nesting season. We saw scats which were attributed to Gray Foxes. Muskrats are becoming so numerous as to cause serious damage to dikes & lower roadways; at least 20-25 muskrat houses were seen on our tour. Photos taken of burned & unburned cat tail areas to illustrate method of opening up growth to accomodate ducks on increased open water in winter. Birds seen listed subsequently here.

10:15 - 11:45 AM. - We engaged in a pheasant drive thru the weedy fields just E. of refuge headquarters to tally any of the 99 ♀♀ tagged & released here a few days ago. We must have flushed somewhere in the neighborhood of 250-300 pheasants, among which I saw 4 tagged ones, & others were seen that I know of. I found one dead tagged bird on early AM. jaunt. Birds seen here are tallied ~~in~~ on following list. Jack Rabbits were commoner than pheasants it seemed!

Cogswell
1949

Journal

Mar. 20 - p. 3 — Gray Lodge Refuge, alt. 60-65', S.W. Butte Co., Calif.

List of birds seen late yesterday PM. + today is entered on field card below, with areas by habitats in columns as follows:

column #1. – near refuge headquarters only.
#2 – weedy fields (partly flooded) – part of 6-7 AM trip + pheasant drive.
#3 – cat-tail + tule marshes + dikes + diked roads.

compare list in same area on Feb. 6, 1949

AUDUBON DAILY FIELD CARD OF BIRDS

Occurring in the

PACIFIC STATES

(California, Oregon and Washington)

Observer: H. L. Cogswell
Locality: Gray Lodge Refuge
Date: Mar. 20, 1949 Time:
Weather: mostly clear, warm Wind: light.

Subspecies, with the exception of a few forms, easily recognizable in the field, are omitted.

Put a more detailed account of today's observations in a separate notebook. Maybe you have seen something new!

* = entry in species account.

No. ①②③	
	Loon, Common
	Pacific
	Red-throated
	Grebe, Holboell's
	Horned
	Eared
	Western
1	Pied-billed
	Albatross, Black-f.
	Short-tailed
	Shearwater, Sl.-bill.
	Sooty
	Black-vented
	Pink-footed
	Fulmar, Pacific
	Petrel, Fork-tailed
	Beal's
	Black
	Ashy
	Socorro
7+	Pelican, White
	California Brown
6	Cormorant, Farallon
	Brandt's
	Baird's
	Man-o'-war-bird
5+	Heron, Great Blue
8	Egret, American

No. ①②③	
	Egret, Brewster's
	Heron, Anth. Green
150±	Black-cr. Night
2 · 2	Bittern, American
	Least
	Ibis, Wood
	Wh.-faced Glossy
	Swan, Whistling
3	Goose, Canada }
30±	Hutchins's sp.? } + 1200± dark geese far to N.
* 500±	Cackling
	Brant, Black
	Goose, Emperor
70±	White-fronted }
6	Snow
	Ross's
	Tree-duck, Fulvous
300±	Mallard
20+	Gadwall
	Widgeon, European
50±	Baldpate
100±	Pintail
10±	Teal, Green-winged
	Blue-winged
150±	Cinnamon
200±	Shoveller
	Duck, Wood
	Redhead

#3 —

No. (1·2·3)	
	Duck, Ring-necked
	Canvas-back
	Duck, Greater Scaup
	Lesser Scaup
	Golden-eye, American
	Barrow's
	Buffle-head
	Old-squaw
	Duck, Harlequin
	Scoter, White-winged
	Surf
	American
2	Duck, Ruddy
	Merganser, Hooded
	American
	Red-breasted
# 10+	Vulture, Turkey
	Condor, California
1	Kite, White-tailed
	Goshawk
	Hawk, Sharp-shinned
1	Cooper's
1 1	Red-tailed
	Red-bellied
	Swainson's
	Am. Rough-leg.
	Fer. Rough-leg.
	Harris's
	Eagle, Golden
	Bald
5·10+	Hawk, Marsh
	Osprey
	Falcon, Prairie
	Hawk, Duck
	Pigeon
1	Sparrow
	Grouse, Sooty
	Franklin's
	Ruffed
	Ptarmigan, Wh.-tailed
	Grouse, Sharp-tailed
	Sage Hen
	Partridge, Eur.
	Bob-white
	Quail, California
	Gambel's
	Mountain
* 10-300+	Pheasant, Ring-n.
	Crane, Little Brown
	Sandhill
	Rail, Cal. Clapper
	Virginia
	Sora
	Yellow
	Farallon
2·1	Gallinule, Florida
20-300	Coot
	Oyster-catcher, Black
	Plover, Snowy
	Semipalmated

No. (1 2 3)	
	Plover, Mountain
* 2·10+	Killdeer (Nests)
	Golden
	Black-bellied
	Surf-bird
	Turnstone, Ruddy
	Black
2·1	Snipe, Wilson's
	Curlew, Long-billed
	Hudsonian
	Sandpiper, Spotted
	Solitary
	Tattler, Wandering
	Willet
2·3	Yellow-legs, Greater
	Lesser
	Knot
	Sandpiper, Aleutian
	Pectoral
	Baird's
	Least
	Red-backed
30	Dowitcher, Long-bill.
	Sandpiper, Western
	Godwit, Marbled
	Sanderling
40	Avocet
2	Stilt, Black-necked
	Phalarope, Red
	Wilson's
	Northern
	Jaeger, Pomarine
	Parasitic
	Long-tailed
	Gull, Glaucous
	Glaucous-winged
	Western
	Herring
	California
1	Ring-billed
	Short-billed
	Laughing
	Bonaparte's
	Kittiwake, Pac.
	Gull, Sabine's
	Tern, Gull-billed
	Forster's
	Common
	Arctic
	Brown's
	Royal
	Elegant
	Caspian
	Black
	Murre, California
	Guillemot, Pigeon
	Murrelet, Marbled
	Xantus's
	Craveri's
	Ancient

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No. (1 2 3)	
	Auklet, Cassin's
	Paroquet
	Rhinoceros
	Puffin, Horned
	Tufted
* 20	Dove, Mourning
	Chinese Spotted
	Ringed Turtle
	White-winged
	Mexican Ground
	Cuckoo, California
	Road-runner
	Owl, Barn
	Screech
	Flam. Screech
	Horned
	Snowy
	Hawk
	Pygmy
	Elf
2·1·	Burrowing
	Spotted
	Great Gray
	Long-eared
	Short-eared
	Saw-whet
	Poor-will
	Nighthawk
	Texas
	Swift, Black
	Vaux's
	White-throated
	Hummingbird, Costa's
	Black-chinned
	Anna's
	Broad-tailed
	Rufous
	Allen's
	Calliope
	Kingfisher, Belted
2·1	Flicker, Red-shafted
	Gilded
	Woodpecker, Pileated
	Gila
	California
	Lewis's
	Sapsucker, Red-naped
	Red-breasted
	Williamson's
	Woodpecker, Hairy
	Downy
	Cactus
	Nuttall's
	White-headed
	Arc. Three-toed
	Am. Three-toed
	Kingbird, Eastern
	Western
	Cassin's
	Flycatcher, Ash-thr.

No. (1 2 3)	
1	Phoebe, Black
	Say's
	Flycatcher, Little
	Hammond's
	Wright's
	Gray
	Western
	Pewee, Western Wood
	Flycatcher, Olive-s.
	Vermilion
1*	Lark, Horned (grazed field S. of refuge)
2	Swallow, Violet-green
#	Tree
	Bank
	Rough-winged
1+	Barn
2+	Cliff
	Martin, Purple
	Jay, Rocky Mt.
	Oregon
	Steller's (Crested)
	California
	Santa Cruz
	Magpie, American
	Yellow-billed
	Raven, American
10	Crow
	Jay, Piñon
	Nutcracker, Clark's
	Chickadee, Black-c.
	Mountain
	Chestnut-backed
	Titmouse, Plain
	Verdin
	Bush-Tit
	Nuthatch, Slender-b.
	Red-breasted
	Pygmy
	Creeper
	Wren-Tit
	Dipper
	Wren, House
	Winter
	Bewick's
	Cactus
* #	Marsh
	Canyon
	Rock
1	Mockingbird (singing)
	Catbird
	Thrasher, Bendire's
	California
Leconte's	
	Crissal
	Sage
	Robin
	Thrush, Varied
	Hermit
	Russet-backed
	Willow

No.	
	Bluebird, Western
	Mountain
	Solitaire, Townsend's
	Gnatcatcher, Western
	Plumbeous
	Black-tailed
	Kinglet, Golden-cr.
	Ruby-crowned
5	Pipit, American
	Waxwing, Bohemian
	Cedar
	Phainopepla
	Shrike, Northwestern
1	California
	Vireo, Hutton's
	Least
	Gray
	Cassin's
	Red-eyed
	Warbling
	Warbler, Bl. and Wh.
	Lutescent
	Dusky
	Calaveras
	Lucy's
	Yellow
	Myrtle
	Audubon's
	Black-thr. Gray
	Townsend's
	Hermit
	Water-Thrush, Grin.
	Warbler, Macgilliv.
* 1	Yellow-throat
	Chat, Long-tailed
	Warbler, Pileolated
	Redstart, American
	Sparrow, English
	Bobolink
##	Meadowlark, Western
* 200+	Blackbird, Yellow-h.
* 3000+	Red-wing
	Bicolored
	Tricolored
	Oriole, Ariz. Hooded
	Scott's
	Bullock's
	Blackbird, Brewer's
* 3+	Cowbird

No.	
	Tanager, Western
	Cooper's
	Grosbeak, Bl.-heade
	Blue
	Bunting, Lazuli
	Grosbeak, Evening
	Finch, Cal. Purple
	Cassin's Purple
1+	House
	Grosbeak, Pine
	Finch, Rosy
	Redpoll
	Siskin, Pine
2	Goldfinch
	Green-backed
	Lawrence's
	Crossbill, Red
	White-winged
	Towhee, Green-taile
	Spotted
	Brown
	Albert's
	Bunting, Lark
400±	Sparrow, Savannah
	Belding's
	Large-billed
	Grasshopper
	Vesper
	Lark
	Rufous-crowned
	Desert
	Bell's
	Sage
	Junco, Slate-colored
2	Oregon
	Gray-headed
	Sparrow, Tree
	Chipping
	Brewer's
	Black-chinned
###	Gambel's
	Puget Sound
	Nuttall's
# #	Golden-crowned
	White-throated
	Fox
	Lincoln's (seen
##	Song
	Bunting, Sno

Accidentals..........

Total Species 62. Individuals..........

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Mar. 20. p.4 Sartain Ranch, N.E. Colusa Co., Calif. – From about 12:15 to 1:30 PM we stopped along the Gridley – Colusa Rd. at the E. boundary of Sartain's 6900+ acres (just W. of Butte Creek) and sat on bank while we learned about the pheasant management & study program here. The Sartain ranch is mostly rice stubble yet, but ~~and~~ the smaller farm to the east (between here & Butte Creek) is green with ?? a plant I didn't identify. Three Buteo swainsoni flew over together, headed SSW. They ranged from a very dark bellied & breasted bird (with whole wing linings quite dark, the anterior 1/3 was more reddish brown than deep brown as rest of wing), to a bird in intermediate phase with light area of wing linings more prominent & breast lighter, & the 3rd bird in typical light phase.

– Conaway Ranch, SE. of Woodland, Yolo Co., Calif. From about 5:15 to 6:15 PM. we engaged in another pheasant drive here, the section we worked being along a roadside irrigation ditch —— 1± mile of which yielded only 1♂ & 3♀ birds. Just at dusk we drove over to levee along W. side of Yolo Basin & discovered where all the pheasants are: they are out on newly green fields feeding & have [fide people on ranch] left stubble & ditches only in last two weeks.

Mar. 26 - Edgemar, coast of San Mateo Co., Calif. - For about an hour in mid-morning we worked over the dunes here, studying vegetation for Zoo 125. Vertebrates seen incidental to this were:

Zonotrichia leucophrys nuttallii - 3+ scolding us from Lupinus chamissonis bushes on inner dunes - as tho they had nests nearby.

Microtus sp.? - 1 about 5-6" in length, tail included, scuttled under grasses at edge of one patch of brush.

Many Larus glaucescens, Larus occidentalis (few), and 1 flock of 30± unidentified, large, brown shorebirds were seen flying up the beach.

- 2 mi. S. of San Pedro Point, San Mateo Co., Calif. - While working here for about 1½ hrs., making a transect study of sagebrush slope (N.W. facing) for Zoo 125, I heard the following birds: Thryomanes bewicki, Chamaea fasciata, Vermivora celata (1 each, all in repeated songs), + several Zonotrichia leucophrys (scolding).

- Moss Beach, San Mateo Co., Calif. - From our lunch stop (on beach rocks just above high water line) the commonest gull was Larus glaucescens; a few L. occidentalis + Larus sp.? were seen, as well as 1 swallow (Petrochelidon?).

- 4 mi. S. of Half-moon Bay (town), San Mateo Co., Calif. In + about small, unkept cemetery here, which is reverting to sagebrush-chaparral mixture, one ♂

Mar. 26 - 4 mi. S. of Half moon Bay, San Mateo Co., Calif. (cont'd)
p. 2
Selasphorus sasin was evidently on territory. It fed about numerous blossoms of Vinca major there.

Apr. 1 Life Sciences Bldg. to lower Strawberry Canyon (below Botanic Garden) & return, U. of Calif., Berkeley, Alameda Co., Calif.
Went with Bruce Brovin on walk from 10:30 - 12:00 for purpose of teaching him some birds, especially the voices thereof. New leaves are coming out on Quercus agrifolia trees defoliated by oak moths last year; Aesculus is well leaved out, even in the shade; Rhus diversiloba leaves opening up; Smilacina is in bud — all these along lower Cyclotron Road. As to birds, the singing of about 5 each of Vermivora celata and Wilsonia pusilla was conspicuous on the N. facing slope. One Vireo gilvus, 2 Vireo huttoni, several Parus inornatus (see also sp. account), 10± Carpodacus purpureus, 10± Melospiza melodia, 3 Thryomanes bewicki, 1 Regulus calendula, and a few Chamaea fasciata were also heard singing in the canyon. A single Empidonax difficilis gave the usual "pee-ist" from tall conifers NW of the stadium, & another from wooded portion of creek in Campus near Chem. Bldgs.

Apr. 2 - Mt. Diablo, Contra Costa Co., Calif. - Drove here via Danville & road over Black Hills with Ecology class. We did chaparral plot work at altitude of about 2300' & had Amphispiza belli (see sp. account) all around us.

Apr. 3 - Asilomar, Pacific Grove, Monterey Co., Calif. Insufficient time for detailed notes. Birds seen here listed in roll book. One Phalaropus fulicarius near Fort Ord in P.M.

Apr. 9 · Jawbone Ranger Sta. 3400' alt. Stanislaus Nat'l Forest, Tuolumne Co. Calif. Came here with Dr. Leopold's class in Game Management, driving from Berkeley via Route 50 to Route 120 W. of Manteca thence to Groveland in the foothills where we assembled into caravan & turned N. on dirt road a few miles E. of town, which led down into canyon of Tuolumne River opposite Jawbone Ridge. In chaparral of N-facing slope there we met T. Riney of the deer population study project here and stopped at several points enroute to the ranger station for purposes of learning about various aspects of deer study. A few mule deer (Odocoileus hemionus) were seen, & one Dendrocopus villosus heard in oak woodland of lower Jawbone Ridge. The following birds were noted during our few minutes in the Adenostoma–Ceanothus cuneatus–Arctostaphylos chaparral of N. facing slope:

Calypte anna – 1 ♂ singing	Polioptila cerulea – 1 heard sing.
Thryomanes bewicki – 1 " (heard)	Pipilo maculatus – heard singing
Chamaea fasciata – 1 " "	" fuscus – heard
	Junco. sp. – "

Enroute up the canyon of Corral Creek several Pipilo maculatus & 1 Toxostoma redivivum were heard singing at dusk. About 11 P.M. I heard one Bubo virginianus from my sleeping-bag.

Apr. 10 · Before breakfast I surveyed the vicinity of the station for birds: from 5 to 5:30 A.M. by tallying those heard from my campsite;

Apr. 10 Jawbone Ranger Sta., along Jawbone Cr. 3400' alt., Stanislaus Nat. Forest, Tuolumne Co., Calif. (cont'd.) from 5:30-6:30 I hiked over to the creek thence up along the ridge road (jeep road) to point about 1 mile from cabin. Yellow pine, incense cedar, black oak, with carpet of "mountain misery" formed about 50% of the vegetation on E.-facing & protected slopes, with the rest being filled with Ceanothus cuneatus & Arctostaphylos (glandulosa?) On the higher, exposed S.-facing slope this chaparral was nearly solid, with some Quercus chrysolepis & Q. douglasii. A few tall, burned stubs indicate former coniferous forest however. Birds & mammals seen or heard here are: (1) - those tallied by voice at dawn:

time -

0500 - I awoke; Robin giving mellow trill call.
0501 - Robin gave loud "peek" call. These two types of calls given in alternate series for a few minutes.
0503 - Spotted Towhee — 1 cat-call
0504 - Mountain Quail - 1 "quork" heard, far away.
0509 - Spotted Towhee - resumed cat-calls & continued steadily.
0512 - Robins - mostly silent now.
0513 - Sparrow sp.? - "tsup" heard.
0514 - Brown Towhee - sharp "chip" close by.
0516 - First bird seen; a small finch or?? flew over among the tree tops.

Apr. 10 Jawbone Ranger Station, near Jawbone Creek, alt. 3400'+ Stanislaus Nat'l Forest, Tuolumne Co., Calif. (cont'd-p.3)

0519 - "chip-chyeeep" calls heard from up on ridge above. (species ??).
0520 - Purple Finch - song.
0522 - Black Phoebe - "song" - steadily, from near cabin
0523 - Brewer's Blackbird - " - " " "
by 0530 (I was dressing) - Warbling Vireo - in song.
- Flicker - song, in distance.

From 0530 - 0630 I hiked over to the creek, noting a Dipper (Cinclus mexicanus), see sp. account! call note — but didn't catch sight of the bird, and thence thru yellow Pine - White Fir forest to more open Yellow-Pine — manzanita + Ceanothus cuneatus growth on ridge to west of the creek. In more exposed, S.E. facing slopes the chaparral is high & thick; on the protected slopes only Chamaebatia and occasional smaller arctostaphylos bushes cover the ground under the pines. Black oaks (Q. kelloggii) here are not yet beginning to leaf out, although some are well out in lower canyons we came through yesterday. Some scrubby Q. chrysolepis here too. Birds & mammals ~~seen~~ recorded during this hour are:

Red-shafted Flicker - 1	Bush-tit - 2 (came to squeak)
Acorn Woodpecker - 2	White-br. Nuthatch - 1 heard singing
Hairy Woodpecker - 1	Bewick's Wren - 1 " "
Steller's Jay - 4	Robin - flock of 5, flew over.
Scrub Jay - 1	* Varied Thrush - 1 ♀ - came to squeak

Journal

Apr. 10 - Jawbone Ranger Sta., 3400' alt. Tuolumne Co., Calif. (p. 4)

Hermit Thrush - 1 ("wheel" call heard)
Ruby-crowned Kinglet - 1 heard singing
Hutton's Vireo - 1 - heard singing
Black-throated Gray Warbler - 3♂
Purple Finch - 3 singing
Pine Siskin - 1 heard
Spotted Towhee - 2
* Brown Towhee - 2
Gray Squirrel - 2
Mule Deer - 1(♀?)

Around the cabin area from 0630 to breakfast at about 0815, and at intervals during the afternoon, the following species were noted:

Mourning Dove - 1 heard ~~cooing~~
Poor-will - heard last evening
Horned owl - " " " (far off)
* Calliope Hummingbird - 1♂; 1♀.
Red-shafted Flicker - 3+
* Downy Woodpecker - 1♀
White-headed Woodpecker - 1♀ + 1 heard
Black Phoebe - pr. (last year's nest at cabin)
Violet-green Swallow - 1 pr.+
Steller's Jay - 2+
Bush-tit - 1 pair
Brown Creeper - 1 heard singing.
Robin - full song at 0655 (5) in flock later on.
Warbling Vireo - 1 singing
Audubon's Warbler - 1 "
Black-thr. Gray Warbler - 2 - "
Bullock's Oriole - 1♂
Brewer's Blackbird - 20, est.
Cowbird - 1♂
Purple Finch - 2+ sing.
Pine Siskin - 3 - flew over
Spotted Towhee - 1 - sing.
* Brown Towhee - 1 pair
* Lark Sparrow - 1 singing
Oregon Junco - several.

The rest of the day with the class went to open top (lava area) of Jawbone ridge on deer study [see sp. account]. Birds incidental, but ff. noted there, additional to above list:

Calif. Thrasher - 1 heard singing
Plain Titmouse - " "
West. Bluebird - 3+
Mountain Bluebird - 1♂, 4♀.
House Finch - heard singing
Green-backed Goldfinch - " "
* Lark Sparrow - 2, singing

and in yellow pine forest:

Mountain Chickadee - 1 heard.

Apr. 16 - E. of Spruce St. entrance of Wildcat Canyon, Tilden Regional Park, Contra Costa Co., Calif. Spent period from 8:30 AM - 2:00+ PM here with Dr. Pitelka's Ecology class, studying invertebrate animal life on 1 sq. meter quadrats. Birds observed incidental to this are entered in my personal roll book record. No life history notes taken. Black Phoebe & Plain Titmouse } nesting near & under bridge.

Apr. 22 - Access Highway, N. of Golden Gate Fields, Richmond + Albany, Contra Costa & Alameda Cos. Calif. - Surveyed spring shorebirds briefly from the car. Species seen listed in my roll book. [See also, in species accounts, re abundance of: Erolia alpina, Ereunetes mauri].

Apr. 23 - Bay Farm Id., Alameda, Alameda Co. Calif. - I went with group of about 12 students in Zoology 113 course led by Bob Bailey, for study of shorebirds from bridge, along Doolittle Drive to the "avocet pond" beyond Alameda city limits & return. Tide was high at first & we saw little except those far out on hummocks in marsh by bay shore. R. W. Storer covered the area for his shorebird census, so no list will be made here. [See species accounts for Erolia alpina, E. minutilla, Ereunetes mauri, & Charadrius vociferus & C. hiaticula]. I went alone, about noon, to the big flat NE of Island Road & Maitland Drive, walking out from point "E" on Storer's map. From there I estimated a total shorebird population well in excess of 100,000 — perhaps 3 times that many - in sight at once.

Apr. 24 - Arroyo Mocho (SE of Livermore) to Mt. Hamilton, Alameda + Santa Clara Cos., Calif. Drove via Walnut Creek to Alamo [where we stopped for 5 min. to note birds along the creek bed: Calif. Quail - 8; Wood Pewee - 1; Cedar Waxwing - 15; Yellow Warbler, song heard; Cowbird - 2; Black-headed Grosbeak - 1, ♂ dead on road; Scrub Jay - 1; and House Finch, Green-backed Goldfinch, several each] and thence to Dublin + Livermore, where we followed Audubon field trip group to point in Arroyo Mocho "wash" about 4 mi. SE of town, arriving there about 9:30 A.M. The most birds seen all day were in this area of scattered sycamores + blue oaks with much 1 ft. high grass between. The stream is drying to a slow trickle, but attracted several of the warblers, and my son Denis + another boy found several turtles (assumed to be Clemmys marmorata) in it, one of which, about 3" long, we brought home. At least 5 Thamnophis sp. were also found in brief stops at several points along 1/2 mi. or so of stream bed. Many Citellus beecheyi were out in the grassy areas + their holes were numerous, especially along the old stream terrace back a ways from stream bed. Many areas about 15 x 30' or so were cropped to about 1/2 height of rest of grass — forming conspicuous depressions upon careful observation. I wonder whether these are due to the squirrels?. We covered the "wash" area until 11:30 and then started up the long dirt road to Mt. Hamilton, stopping for lunch at 8.70 mi. marker (as measured from junction of Mines + Tesla Rd.).

Journal

Apr. 24 - Arroyo Mocho to Mt. Hamilton, Alameda & Santa Clara Co. Calif. (cont.). The SW. facing slope of the canyon is more open, of grassland or oak-parkland nature, at the edge of which we ate lunch. Beyond this the road goes thru miles & miles of oak-woodland with Digger Pine abundant at higher altitudes. Stops made after lunch were brief & included areas of woodland, chaparral (on red soils at med. altitudes), and two in the Transition zone black oak - Coulter Pine forest near the summit of Hamilton. Birds observed are listed below: * = see sp. acct.

Species	Sycamore-oak "wash"	open oak-grassland	Blue oak-digger pine woodland	Adenostoma chap. at mid. altit.	High chap. & forest (near summit)
Cathartes aura		10+ (open oak-grassland to Adenostoma chap.)			3
accipiter sp.?		1			
* Buteo jamaicensis	1	2	3	1	
Aquila chrysaëtos (?)				2	
Falco sparverius	2 pr.				
Lophortyx californica	1 pr.		1		
Charadrius vociferus	1 pr.		1 (farm pond)		
Zenaidura macroura	10±				
hummingbird sp.? (archilochus alexandri?)	1♂				
* Colaptes cafer	2				
Dendrocopos nuttallii		1 heard (open oak-grassland & blue oak)			
Myiarchus cinerascens	2 pr.	5± (open oak-grassland & blue oak)			
* Sayornis nigricans	1 pr.				
Tachycineta ~~th~~ thalassina			10±		
Hirundo rustica	2				
Petrochelidon pyrrhonota	many				
Cyanocitta stelleri					1
Aphelocoma coerulescens	2	several (open oak-grassland & blue oak)			
Pica nuttallii	2+		2		
Corvus brachyrhynchos	1	1		1 (farm in valley)	
* Parus inornatus	1	2	15±		3
Troglodytes aedon	1		2		
Thryomanes bewickii	1		3		
Toxostoma redivivum	1				
Sialia mexicana		15± (open oak-grassland & blue oak)			
Polioptila caerulea		2	5+		
Phainopepla nitens		2♂, 1♀			
Vireo solitarius			1 (heard song)		
" ~~gilvus~~					
Vermivora celata		1 (open oak-grassland & blue oak)			
Dendroica auduboni	2				
" nigrescens			1 heard?		
Oporornis tolmiei	1♀				

Apr. 24 - Arroyo Mocho to Mt. Hamilton, Alameda & Contra Costa Cos., Calif. (cont'd.)

species	columns per those on p. 34: I	II	III	IV	V
Wilsonia pusilla	10±	2	3+		
Passer domesticus	several				
Sturnella neglecta	5± singing	several			
* Icterus bullocki	5± "	10±			
* Euphagus cyanocephalus	several	several			
Molothrus ater	1♂				
Piranga ludoviciana	1♂				
Hedymeles melanocephalus	10±				
Passerina amoena	2				
Carpodacus mexicanus	- several -				
Spinus pinus	3				
Spinus psaltria	15	20±			
Pipilo maculatus			5±		2
" fuscus	2 pr.				
~~Chondestes~~ Chondestes grammacus	1	2			
Junco oreganus			2		
Spizella passerina		2			
Zonotrichia leucophrys		5±			
" coronata		15±			

May 6 - Berkeley, Alameda Co., to San Joaquin Experimental Range, alt. 1000', SSW of O'Neals, Madera Co., Calif.

Drove here via Walnut Creek, Dublin, Tracy, Vernalis, Modesto & S. along highway U.S. 99 to Madera (at dark), thence up to the Range after dinner, arriving about 9:15 P.M. One Lepus californicus crossed highway 41 in front of car on or near the Range. A pair of Bubo virginianus called from oaks & digger pines near head-quarters of the Range about 11:30 P.M. Enroute across the valley this P.M. the ff. species were commonest roadside birds (in order of decreasing abundance): Brewer's and Red-winged Blackbirds, English Sparrow, West. Meadowlark, House Finch, West. Kingbird, Sparrow Hawk

May 7. San Joaquin Experimental Range, alt. 1000', SSW of O'Neals, Madera Co., Calif. From near my sleeping bag this A.M.:
at 0400 - Violet-green Swallows calling overhead, stars dimming out slightly.
0430 - Acorn woodpecker called & flew to another tree.
0500 - most birds in voice; Calif. Quail had just started.
0540 - sunrise.

Between ~~0525~~ 0525 and 0600 I covered the area just E. of the headquarters buildings. From 0800 to about 0915 we (Ecology class) were afield near the buildings but with instruction in range management going on, bird & mammal observation was limited. From then until noon we visited (by car) several spots to the S & SW. of headquarters including cattle & rodent exclosures & the unused rodent enclosures. From 1330± to 1600 we walked away from headquarters to the NE ~~and~~ through the "natural area" (ungrazed since 1934) and returned along the creek just W. of it. I kept noting birds as occasion arose, but found no significant differences in habitat other than in the "yard" around headquarters. Those species identified are listed below (* = see species account).

Turkey vulture - 10±	* Violet-green swallow 15±
Red-tailed hawk - 8±	* Scrub jay 15±
* Calif. quail - 30±	Plain titmouse 10±
Mourning dove - 5	White-breasted nuthatch 1
Roadrunner - 1	Phainopepla 2
Acorn woodpecker - 3	Loggerhead Shrike 1
Nuttall's 1	Bullock Oriole 7
* West. Kingbird - 25±	Brewer's Blackbird 20±
Ash-throated Flycatcher - 10±	Cowbird 3♂
	House Finch 50±
	Green-backed Goldfinch 3♂ 1♀

May 7 San Joaquin Experimental Range, alt. 1000', SSW of O'Neals, Madera Co., Calif. (cont'd):

Brown Towhee - 2
* Lark Sparrow - 2 (headquarters area only, but probably also occurred elsewhere).

The only species found only at headquarters (Lark Sparrow) is not of such habitat requirements as to indicate restriction there. All other parts of the Range we visited are relatively uniform Blue oak - Digger pine woodland with varying amounts of Interior live oak (Q. wislizenii) ~~and Ceanothus cuneatus~~, on the less exposed slopes and some Aesculus in the larger draws. Although the herb cover in the "natural area" was the most extensive of any we visited, and ground squirrels were least numerous there, I could distinguish no difference in the bird population on this casual visit. The absence of vireos, warblers, hummingbirds of any kind may be noteworthy at this season (vegetation drying out early for lack of spring rains). The patches of scattered Ceanothus cuneatus, Arctostaphylos mariposae and sapling oaks, the latter especially in the natural area, should provide more habitat for ground & thicket birds I would think! The weather was hot & dry, so we may have missed some of these species even tho present. 3 Crotalus ______ were killed by members of party today; one contained a small Citellus beecheyi which species was the most abundant mammal. Fresh work of Thomomys was seen near 1 swales and 2 Sylvilagus seen early in A.M.

May 8 SW side of Bass Lake, 3500' alt., Madera Co., Calif. The Ecology class, with Dr. F.A. Pitelka, instructor, camped here last night after driving from the Experimental Range in late PM. The area about our camp is a thin 2nd growth forest of Pinus ponderosa & Libocedrus decurrens with some large, and many small Quercus kelloggii ~~and~~ and a few Quercus chrysolepis along the canyon, which drains to NE into the lake. The interstices of the forest are more or less filled with Ceanothus interregimus and Arctostaphylos mariposa on the N. facing slopes, and with scattered shrubs of these, bush-type of Lupine & various herbs on the S. facing slopes. A few Alnus rhombifolia & 1+ Fraxinus sp. trees were found along the stream. In the evening (May 7) I noted only those birds in camp; but between 0430 & 0515 this AM I tallied those heard from where I was (in sleeping bag)

0430 - I awoke; 2 black-headed grosbeaks & 1 spotted towhee in song.

0430½ - mountain quail gave "quork" call.

0433 - robin called [no songs heard all AM].

0435 - Nashville warbler sang, upslope from me.

0438 - flicker gave half-hearted song; spotted towhee, which had been singing at regular intervals, changed type of song to a more rapid "buzz".

0440 - junco sang

0443½ - Calif. quail "chi-cá-go" call heard from down slope toward the lake. [repeated c. 5-6 times]

0447 - woodpecker drumming [not repeated]

Cogswell
1949

Journal

May 8. SW side of Bass Lake, 3500' alt., Madera Co., Calif. (cont'd).

0448 - wood pewee song
0452 - solitary vireo song
0455 - olive-sided flycatcher - "what-peeves-you" call.
0459 - chipping sparrow - song
0502½ - acorn woodpecker & Steller's jay first heard.
0506 - cowbird (♂'s high whistle heard)
0515 - West. Tanager - song heard [not repeated]

In the above record all species continued in voice after being first listed, except where cessation is indicated. From 0515 - 0600 I walked up the slope (N. facing) above camp a few hundred feet. and then, hearing a Pygmy owl start calling across the canyon, I went over that direction & found it, the sun having then risen so as to strike the ground below the trees in which it was perched. (see species account). After breakfast (ending about 0800) the class as a whole went up the canyon a short distance. Vertebrates noted in this locality on any of the above coverages are tallied here: (* = see species account).

Eumeces gilberti - 1 ad. (♂?) picked up by me on S. facing slope near bottom of canyon.

* Lophortyx californica - 1 heard
Oreortyx picta - 3 "
Zenaidura macroura - 3+ singing
* Glaucidium gnoma - 1
Colaptes cafer - 1

Balanosphyra formicivora - 2+
Dendrocopos villosus - 1
Contopus richardsonii - 2
Nuttallornis mesoleucus - 1
Cyanocitta stelleri - 5±
Aphelocoma coerulescens - 1

May 8 · SW side of Bass Lake, 3500' alt., Madera Co., Calif. (P.3)

Certhia familiaris - 2, singing
Turdus migratorius - 3+ pairs [no songs].
Vireo solitarius - 3
Vireo gilvus - 1
Vermivora ruficapilla - 5±
Dendroica occidentalis - 1♂, singing. (& mobbing Pygmy owl)
Wilsonia pusilla - 1♂
Molothrus ater - 1♂, 1♀
Piranga ludoviciana. 1 heard (calls + 1 song)
Hedymeles melanocephalus - 10±, most conspicuous singer.
Carpodacus purpureus - 1 song heard.
Pipilo maculatus - 1, singing regularly.
Junco oreganus - 2+, " "
Spizella passerina - 2, " " .

Peromyscus maniculatus 2 caught in trap set by B.J. Brown. (125 traps set in various areas; both animals caught near rock outcrops close to stream).

Mariposa Grove Big Trees, Yosemite Nat'l Park, alt. 6500', Calif. - We drove here, without stops, from Bass Lake, arriving about 11:00 AM. There is still snow in all protected sites under the trees — up to 3-4' deep in some. Road apparently only recently opened. No new herbaceous growth noted near the road, along which my observation was restricted, interrupted from time to time by driving the car & adjacent snowball fight by others of class.

May 8 - Mariposa Grove Big Trees, alt. 6500' in Yosemite Nat'l Park, Calif. (cont'd.). We left the area about 12:10 after having taken several photos, and noted the ff. vertebrates:

Dendrocopos villosus - 1 heard
Cyanocitta stelleri - 2 "
Sitta canadensis - 1 "
Certhia familiaris - 1 " singing
Dendroica auduboni - 1 " " + 1 (other?) calling
Hesperiphona vespertina - many in the tree tops, to judge by the calls emanating therefrom. Both the rattle and the wheezy whistle notes were frequent. I saw 1♂ at close range.
Citellus lateralis - 2 together in approx. 1/10 acre sunny spot among forest trees (not Sequoias) containing rock outcrop.

- Fish Camp, about 5000' alt., 2 mi. S of So. entrance to Yosemite Nat'l Park, Calif. (Mariposa Co.) - Lunch stop by the roadside here (about 3/4 hour). I took 15 min. tour of immediately adjacent Ceanothus ~~tomentosus~~ cordulatus? thicket and conifer forest + watched from road as we ate. Following is list of species noted:

Dendrocopos villosus - 1 heard
Contopus richardsonii - " "
Nuttallornis mesoleucus - " "
Empidonax (hammondii?) - 1
Cyanocitta stelleri - 2
Dendroica aestiva - 1 (song)
" occidentalis - 2♂ "
Oporornis tolmiei - 1♂
Hesperiphona vespertina - 1+ heard
Junco oreganus - 5
Passerella iliaca - 1 (song)

Tamiasciurus douglasii - 1 heard
Citellus lateralis - 2

A few Pinus murrayana were seen along the road just N. of here; otherwise the area is typical middle Transition zone coniferous forest. No oaks in this area, though found abundantly on SE- facing slope a few miles to S., where 1 Sciurus griseus also noted.

Cogswell
1949

Journal

May 8 - Coarse Gold to Raymond, Daulton, and Chowchilla, Madera Co., Calif. This route from typical upper Sonoran blue oak - Digger pine woodland to broad stretches of grassland & eventually to cultivated valley is beautiful illustration of the foothills of the Sierras. In the wide grassland on low rolling hills S. of Raymond and on to flatter plains nearing Daulton, the commonest bird along the roadside, as noted from car, was the horned lark, with scattered meadowlarks, west. kingbirds, & shrikes also noted. Red-wings and cliff swallows were found along the larger swales in the flatter country (planted to grain) and house finches & English sparrows near ranches only. 2 Swainson's hawks were seen over low hills, and 2 over cultivated valley land.

May 21-22 - Skeggs Point, Skyline Blvd, San Mateo Co., to La Honda, San Gregorio, Ano Nuevo Point, Scott Creek, 2 1/2 mi. NE Bonny Doon, Felton, Mt. Hermon, and Big Basin Park, Santa Cruz Co., Calif. Followed this route yesterday (May 21), with stops for observation, chiefly of the vegetation, at most points listed. Birds observed then and this morning at Big Basin were tallied & will be incorporated in my notes for Zoology 125.

(June) — (see my Term Report #2 for description of areas & birds, as listed in Table 9).

June 19. Pacific Grove, Monterey Co., Calif. Drove here from Albany. Left there at 11:55 AM, stopped for picnic lunch, & came via San Francisco, Sunnyvale, Los Gatos, Santa Cruz, & Watsonville with three brief stops enroute, the last at Moss Landing. Arrived Pac. Grove about 4:20 PM. Weather was clear & comfortably warm all the way; nice sea breeze this side of Santa Cruz Mts. Near summit of pass between Los Gatos & Santa Cruz sides we stopped in redwoods for a moment in mid-PM. The only bird voice heard was Parus rufescens. At Moss Landing there were 10-15 Sterna forsteri fishing in the lagoon, 15-20 Larus occidentalis (including 2+ ads.), 1+ Larus californicus or delawarensis, 1 Nycticorax nycticorax, and 100+ shearwaters of undetermined species. These last were within easy binocular range offshore but against the PM. sun nothing but silhouettes could be seen. They were small & probably either Puffinus griseus or opisthomelas. At dusk we stopped by the shore at foot of 17th St. in Pacific Grove & saw a flock of 50+ shearwaters on the water not over 1/5 mi. out.
(See also species account of Elanus leucurus)

June 20 to July 31} Pacific Grove, Monterey Co., Calif. and field trips to nearby points as indicated. No daily journal of activities was kept over this period because of the pressure of duties in connection with ^a^ course on

marine invertebrates which I was taking. Occasional entries in species accounts were all that could be done by way of vertebrate observation. A roster of places visited where any such observations were made (whether recorded or not) follows:

June 22, 25, July 4, 6, 7, 12±, 19, 25, 26, 27, 30 – N. side of Pt. Pinos – usually from 15 min. to 1 hr. observation, scanning the ocean for shearwaters (which, see several species accounts) & anything else going by.

June 26 } Pescadero Point
July 17 } " "

June 26 – S. side of Salinas River mouth + nearby lagoon & beach.
July 11, 27 – " " " " " "

June 26, July 31 – El Estero Park, Monterey

June 28, July 17 – Huckleberry Hill (highest on Peninsula)

June 30, July 3, 4, 12, 13, 14, 21, 22, 24, 25, 27, 28 – Elkhorn Slough + (on some of these dates) adjacent farmland, dune, & beach areas.

July 10 – Carmel Valley to Robles del Rio, Hastings Reservation, & return.

July 17 – 17-mi. Drive from Pacific Grove to Pt. Joe, Cypress Point & Pebble Beach, also:
– Pt. Lobos and scan ocean south of Malpaso Creek (see Enhydra lutra sp. acct.)

July 20 – Boat trip in P.M. from Monterey harbor to about 10 mi. west & slightly south of Pt. Pinos & return

July 28, 31 – by rowboat from Pacific Grove Beach to kelp beds between there & Pt. Pinos or out into bay 1 mi

Birds recorded on these trips are entered in my roll book record. (8½ x 11" – personal file)

Journal → pp. 45-49 omitted.

pp. 50 - 127 in separate covers (Humboldt & Trinity Cos.)

Nov. 20 - Monterey, Monterey Co., Calif.
We drove from Berkeley after dark last night, camped at Elkhorn Slough but left there at 6:30 a.m. today (while still but little daylight) and came here to go on a boat trip offshore. Miss Jocelyn Tyler and Robert Norris, who came with us, had reservations for a p.m. trip — but my wife, Bessie, & son Denis went aboard the "Jolly Roger" at 8:00 a.m. Passengers totalled 22 & included Chas. Sibley, Harry Adamson, L. Curl, Mrs. Ethel Richardson & others from the S. F. Bay region.

We left the harbor at 8:15 a.m., passed the buoy marking the N. end of Pt. Pinos rocks at 8:43 & then headed approximately due west until about 10:15 a.m. According to the boat operator we were then about 13-15 miles out from the harbor. We then turned N & NNE for 1-1/2 miles & thence back eastward (due E magnetic) & returned to the bay mouth at 11:30 & into the dock at 11:55 a.m.

Estimates of the nos. of birds seen, by species and approximate distance offshore are listed on the next page. The weather was clear with a fog bank visible well beyond the farthest point which we reached. Sea was quite smooth. I baited the gulls with chunks of sardine and mackerel; but got no response from other species.

Nov. 20 (cont'd): Monterey, Monterey Co. Calif.

List of Birds seen in 3¾ boat trip from Monterey harbor to 10-12 mi. offshore & return:

	in harbor & on breakwater	in Monterey Bay (3+ mi.)	0-5 or 6 mi. off Pt Pinos	5 or 6 - 10-12 mi. off Pt Pinos
Loon, sp.		10±	50±	20±
Pacific Loon	1			1 dead
Western Grebe	3			
Eared Grebe	5	3		
Sooty Shearwater		1	50±	300±
Fulmar		1	10±	20±
Brown Pelican	50±	20	3	10±
Double-cr. Cormorant		sv.	10±	?
Brandt's Cormorant	200±	100±	30±	10±
Pelagic Cormorant	5++			
Scoter, (Surf?)	3	(70) in 1 flock		
Red-breasted Merganser	1 ♂			
Red Phalarope	~~#~~	1	2+	
Glaucous-winged Gull	#	#	##	#
Western Gull	##	##	##	##
Herring Gull		sv.	#	##
Calif. Gull	##	#	few	
Ring-billed Gull	sv.	sv.	1?	
Mew Gull		?	few	5+ ~~#~~
Bonaparte's Gull	–	3		
Heermann's Gull	##	##	#	few
Com. Murre		2	5±	2±
Pigeon Guillemot			1	
Murrelet, (white-breasted) sp.			8±	
Cassin's Auklet			7±	3±
Rhinoceros Auklet			15±	15±

Dec. 4 — via U.S. 40 Berkeley, to Winters, Knight's Landing, Sutter Causeway, Yuba City, & Gridley, Butte Co.

Lack of waterfowl on valley fields is in sharp contrast to conditions here last February. Many fields are plowed already; others (chiefly rice) are not. Yet no ducks or geese were seen even in rice stubble except very close to the refuges N of Marysville Buttes.

A few of birds seen enroute are tallied — in my personal roll book.

— Gray Lodge State Game Refuge & vicinity, S.W. Butte Co., Calif. Drove W. from Gridley about 9:25 a.m., caught up with caravan of 5 or 6 cars of Golden Gate Audubon Society members who were coming here for a field trip also. Arrived at refuge headquarters about 9:45, and took a quick ride around ½ of inner loop road in back of pick-up driven by man working there. Then we walked around the whole inner loop with a straggling group of 15-20 people — not the best conditions for waterfowl observation, but many were observed at fairly close range, nevertheless.

Total waterfowl numbers (see list below) seem far below last springs population, altho the geese seem to be

Dec. 4 - Gray Lodge Refuge, S.W. Butte Co., Calif. coming in in fair shape. Lack of swans shows that normal winter flocks are not yet all here.

After lunch we drove around 3/4 of the outer loop road, stopping for 15 min. or so along Butte Creek at NW end of refuge. Birds seen in the riparian growth there, or similar areas on refuge, are marked with (r.) in the list below.

Leaving the refuge about 4:00 p.m., we drove toward the Buttes thence along the road which skirts the NW corner of them. Here we saw a huge flock of geese, 3+ species, and 1 of 220+ cranes — all spreading out on stubble fields at dusk to feed.

List of Bird Species seen on or near Gray Lodge Refuge, S.W. Butte Co., Calif.: (including goose & crane flocks NW of Buttes)

Pied-billed Grebe	1+	White-fronted Goose	1000±
Dbl.-cr. Cormorant	1	Snow Goose	10,000±
Great Blue Heron	8±	Ross Goose	2+
Am. Egret	5+	Mallard	80,000 est.
Snowy Egret	1	Gadwall	10±
* Black-cr. Night Heron	400±	Pintail	60,000 est
Am. Bittern	1	Green-w. Teal	500 est
large Canada Goose	4+	Cinnamon Teal	2+
Lesser " "	1+	Shoveller	50±
Cackling " "	2+	Baldpate	50,000 est.
unidentified dark Geese	sv. hundred	Scaup, sp.?	3

Cogswell
1949

Journal

Dec. 4 - Grey Lodge Refuge, Butte Co., Calif. - BIRD LIST (cont'd)

Bufflehead - 1♀
Ruddy Duck - 15±
Sharp-shin. Hawk - 1
Red-tailed Hawk - 10±
Marsh Hawk - 10±
Duck Hawk - 1
Sparrow Hawk - 2
Calif. Quail - 4+ (1 covey)
Ring-n. Pheasant - 20±
* Gr. Sandhill Crane - 220± } in 1 flock
Lesser " " 8 } NW Buttes.
(30 cranes flying over refuge at 1:00 p.m.)
Virginia Rail - 1 heard
Black Gallinule - 2
Am. Coot - 500±
Killdeer - 15±
Com. Snipe - 5
Gr. Yellow-legs - 4
Dowitcher - 150
Herring Gull - 1 ad.
Mourning Dove - 1
Red-shafted Flicker - 5 (r.)
Tree Swallow - 5+
Yellow-billed Magpie - 1 (Gridley; # enroute from Williams)
Mockingbird - 3 - (").
House Wren - 1 heard (r.)
Long-b. Marsh Wren - 10±, several singing
Ruby-crowned Kinglet - 1 heard (r.)
Am. Pipit - many
Loggerhead Shrike - 2
* Orange-crowned Warbler - 1 (r.)

Yellow-throat - 1♀
West. Meadowlark - 30±
Red-wing - 5000±
Brewer's Blackbird - many
Am. Goldfinch - 50±
Savannah Sparrow - 10±
Oregon Junco { heard at (refuge headquarters)

White-crowned Sparrow - 10±
Golden-cr. Sparrow - 10± (r.)
Song Sparrow - 30±

(* in above list = "see species acct.")

Gustine "Land & Cattle Co"

Dec. 10 - ^90 ft. 3 mi. SE Gustine, Merced Co., Calif.

Rode here this p.m. from Berkeley with Philip Arend in his car, the rest of the Ornithology class from U.C., with Dr. A. H. Miller in a University Chev. suburban. We drove via Walnut Creek, Dublin, Tracy & thence along state highway 33 to Gustine.

The grass is coming up green on all the hillslopes except those most severely over-grazed. In the valley field borders it is already up 4 to 5 inches high. Everything is moist & clean after recent rains. There was a stiff NW wind blowing until just before sundown.

The usual field birds were noted enroute — plus: Golden Eagle - 1 over grassy hills between Livermore & Tracy; Red-tailed Hawk - several; Mountain Bluebird - several in the valley; Yellow-billed Magpie - 2 near Gustine.

Driving along the E-W county road into the Gustine Land & Cattle Co. lands (gun club) here, we looked over flooded weedy & sparse (burned) cat-tail & tule fields. Some of the ditches bordering the road still have dense emergent growth, but the "fields" are pretty much opened up.

Had supper from camp stove by corral, (1 Short-eared Owl, 1 Duck Hawk flew over) but were invited to stay in cabin at hdq. — so here we are. Mgr. of the club is Mr. Tate. Saw one Short-eared Owl perched on cross-arm of telephone pole over marshy spot as we passed, (about 6:30 p.m.)

Cogswell
1949

Journal

Dec. 11 - Gustine Land & Cattle Co., 90 ft.; 3 mi. SE Gustine, Merced Co., Calif. After breakfast (about 7 a.m.?) we all piled into the suburban & drove N from the corral, then back & E. to end of county road [fields dry beyond this gun clubs border] & back, going then south and then north along the eastern border of the Gustine L. & C. Co's lands. At the north we reached the Gustine-Merced paved road. Came back to club bldg. & had lunch, then drove off to the SW of the bldg., along a winding road which leads past the best ponds of all. Water seems deeper in some & is bordered by more definite marshes which are apparently permanent. Most of the area is apparently flooded for the duck season only. There are very few trees (small willows) anywhere on these lands. At the extreme southern end of the property I walked out onto atriplex shrubland flat — but saw only White-crowned Sparrows.

A species list of the birds seen this a.m. & early p.m. on the Gustine L. & C. Co. lands & vicinity follows, in combination with ~~those~~ seen from the car as we toured the N & E parts of the:

Los Banos State Game Refuge, 10 mi. further SSE. Left there about 4:15 p.m.

Dec. 11. List of Birds recorded at:

(* = see species acct)

		(A) Gustine Land & Cattle Co. & vicinity {7:00 am – 3:30 pm.	(B) Los Baños State Game Refuge
	1. Pied-billed Grebe	4	1+
	2. White Pelican	1	3
	3. D'bl.-crested Cormorant		1
	4. Great Blue Heron	3	5±
	5. American Egret	1	5 {4 of them in dry fields
	6. Snowy Egret	1	
	7. Am. Bittern	2	1
*	8. White-faced Glossy Ibis	20±	
	9. Whistling Swan	1 + 9	15±
	10. (big) Canada Goose	{+ many dark geese unidentified)	30±
	11. Lesser " "		50±
	12. Cackling " "	60±	
	13. White-fronted Goose	1000 est.	nos.
	14. Snow Goose	8000 est.	
	15. Mallard	100±	500±
	16 Gadwall	8+	
	17. Pintail	10,000 est.	100±
	18. Green-winged Teal	700 est.	few
	19. Cinnamon Teal	2 (1 pr.)	
	20. Shoveller	8000 est.	few
	21. Baldpate	4000 est	nos.
	22. Canvasback	1♂, 2♀	
	23. Scaup, sp.	2+	
	24. Bufflehead	1♀	
	25. Ruddy Duck	150±	
	26. Merganser, sp.	1♀ (flying W. over Gustine)	
	27. Cooper's Hawk		1
	28. Red-tailed Hawk	8±	5±
*	29. Ferruginous Rough-leg	2	
*	30. Golden (?) Eagle	1	

Cogswell
1949

Journal

Dec. 11 – Bird list (cont'd)

	Gustine Land & Cattle Co.	Los Banos State Refuge
31. Marsh Hawk	40 ±	nos.
32. Duck Hawk	1 (flew over eve. of 10th)	
* 33. Pigeon Hawk	1	
34. Sparrow Hawk	15 ±	several
35. Ring-n. Pheasant		2
36. Sora	1 heard	
* 37. Black Gallinule	30 ±	
38. Am. Coot	20,000 est.	nos.
39. Killdeer	50 ±	nos.
40. Black-bellied Plover	15 ±	
41. Com. Snipe	20 ±	several
42. Long-billed Curlew	150 est.	"
43. Greater Yellow-legs	15 ±	"
* 44. Lesser " "	3	
45. Least Sandpiper	30 est	
46. Red-backed Sandpiper	700 est.	
47. Dowitcher	3000 est.	
48. Western Sandpiper	5 +	
49. Avocet	2	several
50. Herring Gull	20 ±	
51. Calif. Gull	1 +	} sp.? several
52. Ring-billed Gull	several	}
53. Short-eared Owl	1 + (eve. of 10th)	
54. Horned Lark	300 ±	
55. Tree Swallow	15	nos.
56. Yellow-billed Magpie	– 1 +	
57. Long-billed Marsh Wren	– 5 ± heard	2 + heard
58. Am. Pipit	nos.	nos.
59. Loggerhead Shrike	5 ±	several
60. English Sparrow	– nos. (at hdq. bldgs.)	
61. Audubon's Warbler	– 3	

Dec. 19 Berkeley, Alameda Co., to Bakersfield, Kern Co., via San Jose, Gilroy, Hollister (San Benito Co.), King City, Paso Robles, Shandon (San Luis Obispo Co.) & Lost Hills. Drove this route from 10:30 am. to after dark; observations of animals only that incidental to the drive. The route thru San Benito Co. was new to me. S. of Gilroy are truck gardens & orchards for a few miles, then open grassy hills & sycamore-willow-live oak riparian woodland. At about 8 mi SE Hollister oak woodland begins on the NE facing slopes, but grassland continues on the opposite slopes for another 15 mi. with some patches of coastal sagebrush on the steepest slopes with least soil. Beyond the San Benito River crossing (23 mi. from Hollister) ~~blue~~ (?) oak and Digger pine woodland extends on both sides of the road except for farmed areas in the valley. Adenostoma chaparral is visible here & there on higher, steeper slopes. The Pinnacles Nat'l Monument is just west of here. On the rolling country for 5 to 10 mi. SE of San Benito town, the woodland is sparser, & Digger pine is replaced by Juniper bushes. Finally, upon crossing the divide into the Salinas R. drainage about 14 mi NE of King City, a broad belt of grassland is entered, with only bits of sagebrush. 1 Roadrunner seen here [see sp. acct]

Berkeley to Bakersfield, cont'd.

Dec. 19 From Paso Robles east thru Shandon the route was again new to me, but as it was already waning light I took no detailed note of the vegetation or birds. Mourning Doves & Acorn Woodpeckers were numerous E. of Paso-Robles; large flocks of Red-wings & Brewer's Blackbirds in the ranch country near Shandon, and finally, as we crossed the central valley about 5 mi. E. of Lost Hills a flock of 20-25 ducks (sp.?) flew northward about on a line between Goose & Tulare Lakes.

Dec. 20 - N.E. of Bakersfield, Kern Co., Calif. - enroute to Hart Memorial Park along the Kern River here the road passes thru barren plateau land then drops into broad gulch of the river. Saw one Prairie Falcon flying along bluff at edge of arroyo. There is still extensive cottonwood-willow riparian woodland along the river for about 1½ miles before the park is reached, but the park itself is nearly completely picknicked out — tho a few Ring-necked Ducks & lots of Coots were on the ponds. Horned Larks were common & singing in the scantly vegetated plateau, all covered with white frost before the sun hit it.

- Tehachapi Cr. & Tehachapi Pass area, Kern Co., Calif

Saw no Condors flying near snow-covered Bear

Cogswell
1949

Journal

Dec. 20 Tehachapi Pass, Kern Co., Calif.
Mts. (where Koford had told me they roost) as we stopped along U.S. highway 466 to scan it. The town of Tehachapi itself was frozen in, with thin snow on ground. English Sparrows & 1 Sparrow Hawk noted in town, & 1 Loggerhead Shrike near monolith, 5 mi. to the east (with still some snow on ground, but bare ground by roadside). 1 ♂ Marsh Hawk flying over desert side of Tehachapi Pass – nowhere near water or grass.

3 mi. N Palmdale, Los Angeles Co., Calif.
Stopped here in Joshua tree area and took 15-20 min. walk to see what we could find. 2 Jack Rabbits started, 3 Ravens were chasing an adult Golden Eagle overhead. Collected some gnawings of Yucca brevifolia leaves which appear to be the work of Jack Rabbits [see sp. acc't.].

Dec. 21 - Santa Monica to Long Beach, Pico, & Pasadena, Los Angeles Co., Calif. Spent most of the day visiting friends. At Long Beach one new item in last 1½ yrs. is a big dump filling in the "bird lagoon" on U.S. highway 101 by the Alamitos Bay bridge — where Knots & Pectoral Sandpipers as well as thousands of the commoner sp. used to be. At San Gabriel River Wildlife Sanctuary, 3 mi. N Pico, a pair of Acorn Woodpeckers have taken up quarters in the old walnut orchard at least 1½ mi. from any oak woodland. They are storing walnuts accord-

Dec. 21 - Santa Monica - Long Beach - Pasadena, L.A. Co., Calif. (cont.)

ing to Mrs. Stultz, a.m. director of the Sanctuary. The usual group of 7-8 Am. Egrets and 15-20 Snowy Egrets was gathered in the Allies farm pasture N of Pellissier Road as we passed. The ~~nearby~~ marsh has been thoroughly drained, however. Very few Chinese Spotted Doves were noted enroute today.

Dec. 22 - Glendora, Los Angeles Co., Calif. This a.m. I contacted J. D. Sinclair, Forester in charge, and Jerome Horton, Botanist, at the Glendora headquarters (U.S. Forestry Service) of the San Dimas Experimental Forest. armed with suggestions from them & maps supplied by Horton we drove up Big Dalton Canyon and southward along the ridge E of it to look at chaparral areas, in which I will undertake bird population studies in the spring. An area at the head of Keril Canyon, burned over in 1947 and nearby unburned areas of ~~oak~~-ceanothus chaparral, seemed suitable there. Few birds were active here in early p.m.

We then drove on northward along the road past the entrance to Tanbark Flats (field headquarters of the Experimental Forest) and out onto the Glendora ~~Ridge~~ Mountain Road, coming back into the Experimental Forest again along its west bdry. on the Monroe Tank Trail, which is here on the ridge between Little Dalton & Monroe Canyons. Horton has mapped 4 to 6 types of chaparral in

Dec. 22 Glendora, Los Angeles Co. Calif. (cont'd)
Monroe Canyon on a map which is 1/8 mi. to the inch. I ~~Investigated~~ investigated areas along the 3100 ft. contour level trail on the NE. facing slope. There are semi-barren ("sagebrush"), Adenostoma - Cercocarpus - Ceanothus crassifolius, and Scrub oak - Ceanothus - ~~[illegible]~~ types — several possible areas here. Birds were more active here in ~~[illegible]~~ mid p.m., Wren-tits & Calif. thrashers singing; Scrub Jay, Bush-tit, Red-tailed Hawk, & Fox (?) Sparrow noted. In the dirt road & firebreak on the ridge 7/8 mi. from the paved Glendora Mtn. road we found & measured several tracks of a Mountain Lion [see sp. acc't]. Several Brush Rabbits were seen in the less dense chaparral or "sagebrush" areas.

Dec. 23. This a.m. I investigated some chamise-sagebrush-sage areas on the lower slopes of the mountains due N of Glendora. These are comparable to a medium height — medium density chaparral, though really in an ~~transition~~ ecotone zone between true sagebrush & true chaparral. I reached the trail (Englewild Canyon) from the Snidow Ranch, but found later it would be more convenient from end of the road just to the east in the mouth of the Canyon. This seems to be the most accessible extensive area of ungrazed sagebrush nearby.

Dec. 23 Glendora, Los Angeles Co., Calif.
There are quite a few Black Walnuts (now nearly leafless) in the small canyons here —something I didn't know occurred in the San Gabriels. A ♀ Mule Deer and 2/3 grown fawn started, noisily, up the slope across a small canyon from me, whereupon a ♀ Dalmatian dog which had voluntarily accompanied me up the trail from Sniddow's took out after them —— down thru the brush & up the other side. The deer quickly went under the tallest bushes available & I thought they were hiding; but when the dog got there it did not find them, so I think they must have slipped quietly thru the bushes up to the trail above & then ran away.

Dec. 24 - [spent at Santa Monica & Highland Park with my wife's family].

Dec. 25. Playa del Rey, Venice, Ocean Park, L.A. Co., Calif.
in a.m., made the usual rounds of Ballona Creek mouth & old channel to Ohio Oil Co. & boating lagoon at entrance to Recreation Gun Club, but did not go in latter because of hunting season. Complete list of birds seen is entered in my personal roll book; highlights were: 22 Surf-birds, 22 Herring Gulls 2 Ruddy Turnstones & many Blacks on the jetties; 1 ♂ Redhead & 2 ♂ Greater Scaups with 200± Lessers on the tidal creek

Dec. 26 - Santa Monica Mts. above Hollywood & Beverly Hills, L.A. Co., Calif. From 6:25 a.m. until 5:15 p.m. I was afield participating in the Los Angeles Christmas Bird Count. Areas covered were Wonderview Canyon (side canyon E from Cahuenga Pass), Lake Hollywood & vicinity, Cahuenga Peak (by trail to summit of "west" peak), Mulholland Drive from Beverly Glen Blvd. to head of Stone Canyon, upper Iredell Canyon (N slope of mtns). Birds in general were exceedingly scarce compared to previous years in many of these same localities. Only 3 robins were seen all day, for instance, despite abundant toyon berries; and the total count of Audubon warblers was only 43 (normally in hundreds). Areas covered included sage-brush (for Rufous-crowned Sparrows — 3 seen), chaparral of 2+ types, the Lake & oak-sycamore canyon woodland. Total list of Birds recorded are entered in my roll book.

Deer tracks were plentiful, & 1 doe was jumped on the N slope near Stone Canyon. 1 covey of Quail, about 12 were seen. 4 Turkey Vultures flew westward along the L.A. River about 2 p.m., when temp. was up to about 70°. 3 Red-tails, including a very black melano, soared about Cahuenga. 1 Red-breasted Sapsucker found working on 1 of 2 lone oaks in small draw above L. Hollywood.

Journal

Dec. 27 - Santa Monica to Santa Barbara & San Luis Obispo [only casual observation enroute]. 1 pair of Ring-necked Ducks on small side pond at Andree Clark Refuge, Santa Barbara, — 8-10 there in winter of 1947-48. Talked with Mr. E. Z. Rett at the Santa Barbara Museum re bird-finding areas around Santa Barbara — for Pettingill's new book.

Dec. 28 - San Luis Obispo — Morro Bay — Atascadero
Took a Christmas Bird Count here today, including most of last year's circle & new areas over the Santa Lucia Range to take in Atascadero Lake, which held some good waterfowl. List, ~~of the [illegible]~~ will no doubt be published in "Audubon Field Notes" for April, 1950. Among the 110 species recorded were 9 Horned Owls (heard in 4 mi. of oak woodland before dawn), 1 Oldsquaw, 2 Canyon Wrens (on Morro Rock), and 85 Great Blue Herons all in sight at one time! Mammals noted were cottontails (in dune shrubland), Sea Lions, Harbor Seals, and deer (sign).

- Drove home to Albany after dark at night.

Species Index to Journal, 1949. (pp. 1-44.
pp. 45-49 omitted
pp. 128-143).
(pp. 137-143 are "southern California"; others are from various parts of central California)

BIRDS: (in AOU checklist order)

Common Loon -- 12
Arctic Loon -- 13, 128
Red-throated Loon -- 13
Loon, sp.? -- 128
Eared Grebe -- 2, 128
Western Grebe -- 12, 17, 128
Pied-billed Grebe -- 11, 17, 24, 130, 134
Sooty Shearwater -- 43, 128
Black-vented Shearwater -- 43
Fulmar -- 13, 128
White Pelican -- 24, 134
Brown Pelican -- 13, 128
Double-crested Cormorant -- 11, 24, 128, 130, 134
Brandt's Cormorant -- 12, 13, 128
Pelagic Cormorant -- 13, 128
Great Blue Heron -- 11, 17, 20, 24, 130, 134, 143
American Egret -- 11, 24, 130, 134, 139
Snowy Egret -- 130, 134, 139
Black-crowned Night Heron -- 11, 24, 43, 130
American Bittern -- 11, 24, 130, 134
White-faced Glossy Ibis -- 134
Whistling Swan -- 6, 8, 11, 134
Canada Goose (incl. <u>moffitti</u>) -- 6, 7, 8, 11, 24, 130, 134.
Lesser Canada Goose -- 7, 8, 11, 24, 130, 134
Cackling Canada Goose -- 11, 22, 24, 130, 134
White-fronted Goose -- 6, 11, 24, 130, 134
Snow Goose -- 7, 11, 22, 24, 130, 134
Ross Goose -- 130
Mallard -- 6, 7, 8, 11, 21, 24, 130, 134
Gadwall -- 11, 24, 130, 134
Baldpate -- 11, 21, 24, 130, 134
Pintail -- 6, 7, 8, 11, 130, 134
Green-winged Teal -- 7, 11, 24, 130, 134
Cinnamon Teal -- 11, 24, 130, 134
Shoveller, -- 2, 11, 24, 130, 134
Redhead -- 141
Ring-necked Duck -- 137, 143
Canvas-back -- 7, 17, 134
Scaup, sp.? -- 2, 12, 130, 134
Greater Scaup Duck -- 141
Lesser Scaup Duck -- 7, 141
Am. Golden-eye -- 2
Buffle-head -- 11, 131, 134
Old-squaw -- 143
White-winged Scoter -- 13
Surf Scoter -- 128

Species index to Journal, 1949 --(cont'd)

Ruddy Duck -- 11, 12, 24, 131, 134
American Merganser -- 11
Red-breasted Merganser -- 12, 128
Turkey Vulture -- 3, 9, 11, 13, 20, 21, 24, 34, 36, 142
California Condor -- 137
White-tailed Kite -- 24, 43
Sharp-shinned Hawk -- 11, 131
Cooper's Hawk -- 24, 134
Red-tailed Hawk -- 3, 9, 11, 13, 17, 20, 24, 34, 36, 131, 132, 134, 140, 142.
Red-bellied Hawk -- 9
Swainson's Hawk -- 25, 42
Ferruginous Rough-leg -- 134
Golden Eagle -- 5, 16, 20, 34, 132, 134, 138
Marsh Hawk -- 11, 14, 24, 131, 135, 138
Prairie Falcon -- 137
Duck Hawk -- 131, 132, 135
Pigeon Hawk -- 14, 135
Sparrow Hawk -- 11, 14, 20, 24, 34, 35, 131, 135, 138
California Quail -- 14, 17, 20, 33, 34, 36, 38, 39, 131, 142
Mountain Quail -- 29, 38, 39
Ring-necked Pheasant -- 11, 22, 23, 24, 25, 131, 135
Lesser Sandhill Crane -- 131
Greater Sandhill Crane -- 131
Clapper Rail -- 2
Virginia Rail -- 131
Sora -- 135
(Fla.) Black Gallinule -- 17, 24, 131, 135
Am Coot -- 11, 17, 24, 131, 135, 137
Killdeer -- 3, 4, 11, 14, 22, 24, 34, 131, 135
Black-bellied Plover -- 12, 135
Surf-bird -- 141
Ruddy Turnstone -- 141
Black Turnstone -- 141
Wilson's Snipe -- 3, 24, 131, 135
Long-billed Curlew -- 135
Greater Yellow-legs -- 11, 24, 131, 135
Lesser Yellow-legs -- 135
Least Sandpiper -- 135
Red-backed Sandpiper -- 2, 6, 135
Dowitcher, sp. -- 6, 11, 24, 131, 135
Western Sandpiper -- 135
Avocet -- 11, 24, 135
Black-necked Stilt -- 24
Red Phalarope -- 27, 128
Glaucous-winged Gull -- 4, 12, 26, 128
Western Gull -- 12, 26, 43, 128
Herring Gull -- 11, 128, 131, 135, 141
California Gull -- 11, 12, 17, 43, 128, 135
Ring-billed Gull -- 11, 12, 24, 43, 128, 135
Short-billed Gull -- 12, 128

Species index to Journal, 1949 (cont'd)

Bonaparte's Gull -- 128
Heermann's Gull -- 128
Forster's Tern -- 43
Com. Murre -- 14, 128
Pigeon Guillemot -- 128
Murrelet, sp. ? -- 128
Cassin's Auklet -- 128
Rhinoceros Auklet -- 128
Band-tailed Pigeon -- 9, 11, 16,
Mourning Dove -- 16, 20, 24, 31, 34, 36, 39, 131, 137
Chinese Spotted Dove -- 139
Road-runner -- ~~7~~ 36, 136
Horned Owl -- 28, 31, 35, 143
Pygmy Owl -- 39
Burrowing Owl,-- 2, 11, 24
Short-eared Owl -- 132, 135
Poor-will -- 31
Booming Nighthawk -- 16
Black-chinned Hummingbird -- 34
Anna Hummingbird -- 4, 28
Allen Hummingbird -- 27
Calliope Hummingbird -- 31
Belted Kingfisher -- 11
Red-shafted Flicker -- 4, 9, 11, 14, 17, 20, 24, 30, 31, 3
34, 38, 39, 131
Pileated Woodpecker -- 20
(Calif.) Acorn Woodpecker -- 17, 20, 30, 36, 39, 137, 138
Lewis Woodpecker -- 5
Red-breasted Sapsucker -- 16, 142
Hairy Woodpecker -- 14, 28, 30, 39
Downy Woodpecker -- 4, 11, 31
Nuttall Woodpecker -- 17, 34, 36
White-headed Woodpecker -- 31
Western Kingbird -- 35, 36, 42
Ash-throated Flycatcher -- 34, 36
Black Phoebe -- 11, 14, 16, 17, 24, 30, 31, 32, 34
Say Phoebe -- 14
Hammond Flycatcher -- 41
Western Flycatcher -- 27
W. Wood Pewee -- 33, 39, 41
Olive-sided Flycatcher -- 39, 41
Horned Lark -- 9, 24, 42, 135, 137
Violet-green Swallow -- 24, 31, 34, 36
Tree Swallow -- 20, 24, 131, 135
Barn Swallow -- 24, 34
Cliff Swallow -- 24, 26, 34, 42
Steller Jay -- 30, 31, 34, 39, 41
(California) Scrub Jay -- 3, 17, 20, 30, 33, 34, 36, 39, 140
Yellow-billed Magpie -- 9, 16, 34, 131, 132, 135
Am. Raven -- 3, 14, 16, 138
Am. Crow -- 9, 11, 17, 24, 34
Mountain Chickadee -- 31
Chestnut-backed Chickadee -- 4, 43

Species index to Journal, 1949 (cont'd)

Plain Titmouse -- 9, 17, 20, 27, 31, 32
Bush-tit -- 4, 30, 31, 140
White-breasted Nuthatch -- 17, 20, 30, 36
Red-breasted Nuthatch -- 41
Pygmy Nuthatch -- 14
Creeper -- 31, 40, 41
Wren-tit -- 26, 27, 28, 140
Dipper -- 30
House Wren -- 4, 34, 131
Bewick Wren -- 9, 20, 21, 26, 27, 28, 30, 34
Long-b. Marsh Wren -- 34, 131, 135
Canyon Wren -- 143
Mockingbird -- 5, 11, 24, 131
California Thrasher -- 16, 20, 28, 31, 140
Robin -- 3, 4, 9, 11, 14, 17, 20, 29, 30, 31, 38, 40, 142
Varied Thrush -- 14, 20, 30
Hermit Thrush -- 4, 9, 14, 31
Western Bluebird -- 3, 9, 14, 16, 20, 31, 34
Mountain Bluebird -- 132
Blue-gray Gnatcatcher -- 28, 34
Ruby-crowned Kinglet -- 20, 27, 31, 131
Am. Pipit -- 9, 11, 14, 24, 131, 135
Cedar Waxwing -- 33
Phainopepla -- 34, 36
Starling -- 9, 12, 14
Loggerhead Shrike -- 11, 14, 24, 36, 42, 131, 135, 138
Hutton Vireo -- 21, 27, 31
Solitary Vireo -- 34, 39, 40
Warbling Vireo -- 27, 30, 31, 40
Orange-crowned Warbler -- 4, 26, 27, 34, 131
Nashville Warbler -- 38, 40
Yellow Warbler -- 33, 41
Myrtle Warbler -- 4
Audubon Warbler -- 4, 14, 31, 34, 41, 135, 142
Black-throated Gray Warbler -- 31, 34
Hermit Warbler -- 40, 41
MacGillivray Warbler -- 34, 41
Yellow-throat -- 24, 131
Pileolated Warbler -- 27, 35, 40
English Sparrow -- 20, 35, 42, 135, 138
Western Meadowlark -- 3, 9, 11, 14, 17, 20, 24, 35, 42, 131
Yellow-headed Blackbird -- 24
Red-wing (Com.) -- 9, 11, 14, 17, 20, 24, 35, 42, 131, 137
Tri-colored Red-wing -- 11, 14
Bullock Oriole -- 31, 35, 36
Brewer Blackbird -- 9, 11, 17, 20, 30, 31, 35, 36, 131, 137
Cowbird -- 14, 24, 31, 33, 35, 36, 39, 40
Western Tanager -- 35, 39, 40
Black-headed Grosbeak -- 33, 35, 38, 40
Lazuli Bunting -- 35
Evening Grosbeak -- 41
Purple Finch -- 4, 27, 30, 31, 40

Species index to Journal, 1949 (cont'd)

House Finch -- 4, 11, 14, 21, 24, 31, 33, 35, 36, 42
Pine Siskin -- 4, 21, 31, 35
Am. Goldfinch -- 9, 24, 131
Green-backed Goldfinch -- 9, 21, 31, 33, 35, 36
Spotted Towhee -- 4, 9, 11, 21, 28, 29, 31, 35, 38, 40
Brown Towhee -- 4, 9, 21, 28, 29, 31, 35, 37
Savannah Sparrow -- 9, 11, 14, 24, 131
Lark Sparrow -- 31, 35, 36, 37
Rufous-crowned Sparrow -- 142
Oregon Junco -- 9, 11, 21, 24, 28, 31, 35, 38, 40, 41
Chipping Sparrow -- 35, 39, 40
White-crowned Sparrow (gambeli)-- 3, 4, 9, 11, 14
" " " (other ssp.) -- 17, 21, 24, 26, 35, 131, 133
Golden-crowned Sparrow -- 4, 9, 11, 21, 24, 35, 131
Fox Sparrow -- 4, 41, 140
Lincoln Sparrow -- 24
Song Sparrow -- 4, 9, 11, 13, 14, 17, 24, 27, 131

MAMMALS (alphabetical)

Citellus beecheyi -- 33, 37
" lateralis -- 41
Felis concolor -- 140
Lepus californicus -- 11, 21, 22, 23, 35, 138
Microtus sp. -- 26
Neotoma sp. -- 21
Odocoileus hemionus -- 15, 21, 28, 31, 141, 142, 143
Ondatra zibethica -- 22
Peromyscus maniculatus -- 40
Phoca richardii -- 12, 143
Scapanus latimanus -- 21
Sciurus griseus -- 41
Sylvilagus audubonii -- 37, 143
" bachmani - 140
Tamiasciurus douglasii -- 41
Thomomys sp. -- 21, 37
Urocyon cinereoargenteus -- 22

Sea~~l~~-lion, sp.? -- 143

HERPS

Clemmys marmorata -- 33
Crotalus sp. -- 37
Eumeces, sp. -- 39
Thamnophis, sp. -- 33

JOURNAL - 1950

JOURNAL
1950

pp. 1 – 16 + { index to vertebrate species referred to therein }

Jan. 1 – Apr. 13 (except Feb. 12 – Mar. 31)

(no notebook kept in fall, 1950).

(See southern California notebook
for periods of: Feb. 12 – Mar. 31
Apr. 6 – 13
Apr. 17 – June 14)

(See Donner Pass – Lake Tahoe – western Nevada region notebook
for periods of: June 17 – Aug. 26)

Jan. 22. Berkeley to Benicia, Suisun, ~~Isleton~~, White's Slough (10 mi W, 1½ - 3 mi. S Lodi), & return via Stockton & state route 4. Started off at 10:15 a.m. on a casual tour of the delta region to see what waterfowl were there (cf. trip of Feb. 5, 1949). Fields are much more advanced this yr., most of them already plowed; a few coming up green with grain. No waterfowl seen on fields in Suisun area — only in or over marshes. Few ducks in air, 1 flock of 4000± Snow Geese near Cordelia, a few small flocks of dark geese (sp.?) NW of Bird's Landing.

~~at about~~ Sacramento River at Isleton was running turbulent and muddy, but still well below flood stage. Only birds on it were gulls and a few coots.

Along state route ~~#~~ 12 at a few miles E. of Terminous we found about 600 Whistling Swans (see sp. acct.), and upon driving south on Garden Road ~~toward~~ White's Slough a few more Swans, some Canada Geese (large & medium) and a flock of 800 or more Sandhill Cranes (see sp. acct.). There were still relatively few ducks, but thousands of coots, & 5+ Gallinules were seen at 1 cat-tail bordered pond.

Jan. 27. Berkeley, Alameda Co. to Santa Monica, L.A. Co. Calif. - driving via San Jose & US route 101, with no stops except for lunch & an afternoon snack. Total time enroute: 10 hrs. 20 min.

We ate our lunch at Atascadero Lake 1 mi. S of Atascadero, S.L.O. Co., a small, muddy bordered artificial lake, with weedy fields & patches of dry cat-tails bordering it, & Valley oak - live oak - Digger Pine woodland on the hillslopes. Birds seen during the ½ hr. we spent there were:

Pied-billed Grebe	1	* Mourning Dove	200
Great Blue Heron	1	* Belted Kingfisher	1
Baldpate	4	Red-shafted Flicker	6
Green-winged Teal	1 ♀	Acorn Woodpecker	5 ±
Canvasback	1 ♂, 1 ♀	Scrub Jay	1
Bufflehead	1 ♀	Plain Titmouse	3 +
Ruddy Duck	200 ±	White-br. Nuthatch	1 heard
Am. Merganser	1 ♀	Western Bluebird	5
Coot	500 ±	Audubon's Warbler	several
Killdeer	2	West. Meadowlark	10 ±, singing
Least Sandpiper	4	Purple Finch (in Rhamnus calif. bush)	1 ♂, 1 ♀
		House Finch	1 +
		Brown Towhee	2
		White-crowned Sparrow	150 ±
		Golden- " "	1 +
		Song Sparrow	2

(* = see species account)

An adult Golden Eagle was flying ~~low~~ over grassy hills along the highway 1 mi. N of the Santa Maria River. Several Turkey Vultures noted at various places, 150 - 200 White-throated Swifts from rocky portion of Gaviota Pass, Santa Barbara Co. to the ocean shore (cliffs) nearby & several miles to the east, 1 Yellow-b. Magpie on S. side of Santa Ynez Valley S. of Buellton.

Cogswell
1950

Journal

Jan. 30. Pomona, L.A. Co., to Berkeley, Alameda Co. Calif.
After spending all of Sat. + this a.m. house-hunting in Pomona [+ Sunday resting up], we drove home this p.m. via the "Ridge Route" (US 99), watching for Condors carefully where Carl Koford told me they fly across — i.e., between Gorman and Lebec (see species acct. of Condor). Other birds noted in Tejon Pass area were 4 Ravens, 1 Red-tailed Hawk, and one unidentified hawk or eagle. There was still snow in patches on the N and E slopes above 3800 ft. and the temperature was C-O-L-D.

Feb. 5 west Sacramento along east side of Yolo Basin, Yolo Co.
Met Dr. R. L. Taylor, Arnold Small, Ralph Mall, Bob Pyle, and "Sig" M. S. Dunlap — all up from the L.A. area — in Sacramento for breakfast; and then amid intermittent heavy showers we surveyed roadsides for birds here. We attempted to reach Washington Lake, but the road was too muddy. However there were several flocks of geese down in the flat fields now green with new herb growth + with water standing in all low spots. The geese were almost entirely Lesser Canadas (several thousand), with smaller flocks of White-fronted on their margins. Many more dark geese were seen in flight in the distance. South along the road leading toward Courtland the whole Yolo basin was flooded with muddy water as far as one could see to the W of the levee

Cogswell
1950

Journal

Feb. 5 E. side Yolo Basin, Yolo Co., Calif. (cont'd) — the first time I had ever seen it so. There were many ducks, but widely dispersed here & there across the extensive lake so formed. Mallards were common, Pintail & Baldpate less so, and a few Scaup & Canvasback were seen; also 1 ♀ Golden-eye (with bright yellow-tipped bill) on the turbulent water of the channel along the levee. 15 Whistling Swans were noted.

Of major ecological import was the conspicuous concentration of Jack Rabbits and Ring-necked Pheasants on the few remaining dry spots. Fully 25 Jacks and over 15 cock pheasants were on one island not over 300 ft. long. A Marsh Hawk was having good hunting there also with frequent drops to the ground — but neither of the species mentioned were bothered by it. Presumably there was a concentration of mice also. 3 Cooper's Hawks, & a few Red-tails were seen in the thin stands of leafless willows along the channel or flying out over the water itself. Several Crows and many gulls were also apparently participating in the harvest. Other Land-birds noted along here were: Red-shafted Flicker, Black Phoebe, Meadowlark, Red-wing, Brewer's Blackbird, House Finch, Am. Goldfinch (many), Savannah, White-crowned, & Song Sparrows.

Feb. 5 Staten Id., near Walnut Grove to Terminous, San Joaquin Co., Calif. - After driving along the relatively birdless Sacramento River and crossing it at Walnut Grove, thence also across the N. Fork of the Mokelumne, we again found waterfowl in nos. In the very same field where we had seen a huge flock of ducks & a few geese on Feb. 5, 1949, there were today fully 3000 White-fronted Geese, plus about 5 big Canadas & a no. of Lessers. As I remember it last year the crop was asparagus — plowed under. This year the south end was corn — still standing; & the north end plowed — but apparently had been corn. About ½ way along the length of the island we saw about 20 Sandhill Cranes far off across green fields to the east. Other species seen on Staten Id. included: Great Blue Heron (several); Am. Egret (several); White-tailed Kite (2); Cooper's Hawk, 1; Red-tail - 2; Marsh Hawk, several; Sparrow Hawk, several; Calif. Quail (heard); Ring-necked Pheasant; Black Gallinule - 5±; Coot, many; Killdeer; Herring Gull - 2+; Calif. & Ring-billed Gulls; Mourning Dove - 30± (nearly all on edge of same field as the geese); Burrowing Owl, 2; Red-shafted Flicker; Black Phoebe; Scrub Jay; Crow; Meadowlark; Red-wing; Brewer's Blackbird; House Finch; Am. Goldfinch; Savannah, White-crowned & Song Sparrows.

More geese (White-fronts & Lesser Canadas) at south end of island.

Feb. 5 Terminous, to 2 mi. E, then S to "White's Slough" W. along levee along it + return N to Terminous. This route encompassed the same area as I covered with my family 2 weeks ago. No Swans in the abandoned barnyard where noted then; but about 200 were in fields to the SE, and the cranes were there also — at least 150± of them. Had even a closer view this time than on Jan. 22. Several groups flew almost over us. Other species noted, much the same as 2 weeks ago.

no further field notes
until Feb. 12-13

when we moved to southern Calif. (notes from there filed separately)
(+ paginated separately)

Apr. 1-3 - Pacific Grove, Monterey Co., Calif. - Spent these 3 days at Regional Conference of the National Audubon Society, leading large groups of people on field trips to Point Lobos State Park on the a.m. of 2nd, and to Elkhorn Slough in p.m. on the 3rd. No detailed notes could be taken under these circumstances; but the bird species encountered are entered in my personal roll book record. Outstanding ones were 8 Black Oyster-catchers, 1 Creeper, several Pelicans, Pigeon Guillemots, and numbers of Western Gulls & Brandt's & Pelagic Cormorants at Pt. Lobos. None of these seemed to be nesting as yet there, except possibly the crevice-inhabiters.

Apr. 3 At Elkhorn Slough we covered only the N arm from near the mouth to above the causeway & to S. end of old mouth. On the beach at this latter site, close to base of the dunes & well above any recent high tides, I obtained but did not catalog parts of the skeleton of a porpoise (Lagenorhynchus obliquidus) ~~sp.?~~ (most of skull, a few vertebrae, & 1 humerus). This animal I knew had been there since last July (see 1949 Journal p. 44), at which time I was not equipped to bring it in. Now it was in remnants & partly covered with sand. Birds worthy of special mention at Elkhorn today were: Oldsquaw, 1♀; Lesser Scaup, 4♂, 3♀; Western Grebe, 15±; Black Brant, 14 (see sp. acct.); Long-billed Curlew - 4+; Hudsonian Curlew - 1; Red-backed Sandpiper - 2+ (only).

Apr. 4 Berkeley, Alameda Co., Calif. - At M.V.Z. this a.m. - Dr. Benson says the porpoise is probably a ~~Phocoena gillii~~ (see above). I gave it to him to accession & presumably he will give it his no.

Apr. 4. 90 ft., 3 mi. SE Gustine, Merced Co., Calif. - Detoured this p.m. here from town of Gustine to look again over the lands of Gustine Land & Cattle Co. which the ornithology class visited on Dec. 10-11, 1949. All we could do this time was look from the public road running East past the gun club headquarters; but for comparison with the list recorded in December, the following were seen here today:

White Pelican	4
Dbl.-crested Cormorant	5 ad., 1 im.
Great Blue Heron	1
Common Egret	10±
Snowy Egret	1
White-faced Glossy Ibis	40±
Mallard	500 est.
Gadwall	2+ pr.
Pintail	very few
Green-winged Teal	150 est.
Cinnamon Teal	200 est.
Shoveller	10
Baldpate	300 est.
Ruddy Duck	2 ♂
Red-tailed Hawk	2
Swainson's Hawk	1 (dark phase)
Golden Eagle (near Tracy)	2
Marsh Hawk	2
Sparrow Hawk	2
Black Gallinule	1 heard
Am. Coot	1500 est.
Killdeer	15
Black-bellied Plover	30
Wilson's Snipe	1
Hudsonian Curlew	50
Willet	1+
Greater Yellow-legs	5±
(Long-billed ?) Dowitcher	300
Am. Avocet	30±
Black-necked Stilt	6
Ring-billed Gull	4
Mourning Dove	several
Red-shafted Flicker	"
Western Kingbird	"
Black Phoebe	"
Barn Swallow	many
Yellow-billed Magpie (in pasture bordered by poplars)	15±
Long-b. Marsh Wren	10± (singing)
Loggerhead Shrike	several
W. Meadowlark	"
Com. Red-wing	many
Bullock's Oriole	2+ heard singing.
House Finch	several
Am. Goldfinch	"

Apr. 4-5. along State Hwy 33 approx. 20 mi. N Coalinga, Fresno Co., Calif. - Drove after dark from Los Baños to here. This area is a very flat gentle slope with almost no vegetation.

Apr. 5 (cont.)
There was a sprinkle of rain about 3:30 - 4:00 am, causing us to fold up the tail gate of the car, in which we were sleeping. One Burrowing Owl was heard calling before the rain started, & also a Coyote. The only vertebrates seen after dawn were a few Ravens & Jack Rabbits. The Mountain Plovers noted a few mi. N of here on Dec. 20, 1948 (q.v.) could not be located today; they apparently are regular here only in late fall & winter.

Apr. 5 Coalinga, Avenal, Lost Hills, Fresno, Tulare, & Kern Cos., Calif. - noted English Sparrows in each of these small towns in arid W. side of San Joaquin valley as we drove thru them. In the low hill country just N of Coalinga 5 Swainson's Hawks were seen. (see also sp. acct. of anthus sp.) Along Highway 33 about .8 mi. NNW Blackwell's Corners (= the Lost Hills junction) I picked up a Horned Lark D.O.R. (my # 135) & noted numbers of others in the sparse low shrubland there. About 1.4 mi. S of Lost Hills we stopped to observe & photograph (828 kodachrome) a Rattlesnake which was crossing the road. While there a Leconte's Thrasher flew in low over the very sparse shrubland; the shrubs average 2 ft. high, & there is about 50% low herb cover in the interstices. A small yellow composite was in bloom. This type of vegetation extends far off to SE, but barren dirt flats were encountered for several mi. S of this.

Apr. 5 (cont.)

The Leconte's Thrasher alighted on a low bush-top, whence I shot it. (my cat. # 136).

Apr. 5 - From this locality, we drove, 6½ mi. S, 5+ mi. E, then S via a winding levee road between Buena Vista Slough (invisible from levee if existent at all any more) and the low Buttonwillow Ridge to E. This diked-off basin is now completely cultivated, the narrow levee road affording good opportunity to note field birds in it. The road leads into a paved road 3 mi. W & 1 mi. N of Buttonwillow. From the latter town we angled S. & W. alternately, finally reaching Tupman (State Zoological Park - Elk Preserve), which, however, we did not cover other than by driving across the Slough on the entrance bridge. We then continued on S past the E side of Buena Vista Lake (dry) & thru old Kern Lake Bed (now cultivated fields). Only casual observations made here & there as follows:

Kern Co.

Great Blue Heron	3	along Buena Vista Slough near Tupman
Am. Egret	5±	" " " " " "
Snowy Egret	1	" " " " " "
Turkey Vulture	2	
Red-tailed Hawk	5±	
Swainson's Hawk	10±	scattered thru Lost Hills - Tupman & Buena Vista L. areas.
Marsh Hawk	5±	
Sparrow Hawk	many	
Killdeer	"	
Mourning Dove	"	
Roadrunner	3	seen in desert-like shrub areas near Buena Vista Slough (Tupman)
Western Kingbird	common, especially near the slough	
Barn Swallow	small groups - locally near bridges	
Raven	est. 70 between Coalinga & Bu. Vista Lake	

Apr. 5 (cont.)

Loggerhead Shrike — several seen
Western Meadowlark — many "
Com. Red-wing — " "
Tri-colored Red-wing — several " (E. of Buena Vista Lake)
Cowbird — " "
House Finch — many "
Savannah Sparrow — " "
White-crowned Sparrow — " "
Song Sparrow — " "

Dwarf Elk — several seen in fenced area just N of Tupman.
(cf. Sp. account for Dec. 21, 1948)

see So. Calif. Journal for period of Apr. 6 - 13.

Apr. 14 - "Enroute" from Pomona, L.A. Co., via Ventura, Santa Barbara, San Luis Obispo, & Salinas to next locale. While travelling (driving alone) to annual Cooper Club meeting at Asilomar only a few observations were made on this beautiful sunny day:

Turkey Vulture - many
Cooper's Hawk - 1 seen - 3½ mi. S San Ardo, Monterey Co.
Red-tailed Hawk - several - Salinas Valley
Red-shouldered Hawk - 1 seen just N of Santa Margarita, San Luis Obispo Co.
Sparrow Hawk - many -
Mourning Dove - "
Horned Owl - 1 DOR - Salinas Valley
Yellow-billed Magpie - noted from near Buellton northward.
Mockingbird - not noted N of San Luis Obispo

as well as the normal roadside sp. of Passeriformes (see also Aechmophorus, Streptopelia, & Icterus cucullatus in S. Calif notes)

Apr. 14 SW. side Salinas River bottom, 40 ft., 4 mi. S by W Salinas, Monterey Co., Calif. - From about 11:35 to 12:15 I walked thru the riparian woodland along an old tractor road. The trees have a closed canopy over much of the first-level flood plain, but with a few openings shrub-filled & many shrubs along the old cleared road. Dominant trees are Populus trichocarpa, Acer negundo californicum, & Salix sp., with some Alnus sp. Birds recorded were:

Calif. Quail - several	Yellow Warbler - 1 singing
Mourning Dove - "	Audubon's " - 1
Downy Woodpecker - 1 heard	Bullock's Oriole - 1 heard
Western Flycatcher - 2 "singing"	Am. Goldfinch - 2+
Hutton's Vireo - 1 singing	Spotted Towhee - 1 singing
Warbling Vireo - 2+ "	Brown Towhee - several
Nashville Warbler - 1 "	Song Sparrow - many
	No Hylocichla ustulata (object of stop).

Apr. 15 Pacific Grove, Monterey Co., Calif. – In early a.m. & again in late p.m. I went along the coast between Asilomar Conference Grounds & Pt. Pinos. Observations of birds there, combined with those of occasional intervals during the day in the Monterey pine woodland of the grounds themselves, are represented in the following list:

Loon sp.? – several
Brown Pelican – "
Brandt's Cormorant – abundant
Pelagic " – several
Am. Egret – 1 flying Northward over ocean
Black-cr. Night Heron – 2
Surf Scoter – many, flying N
Red-br. Merganser – 1♂, 2♀♀
Turkey Vulture – 1+
Calif. Quail – 1 pr. near lighthouse.
Killdeer – several
Black Turnstone – 60±
Hudsonian Curlew – 2
Least Sandpiper – 1000+ est. (in flocks of 50-200, all flying N along coast; no other sp. identified altho some may have been included)
Short-b. Dowitcher – 1 at (fresh-water seep at base of sea bluff on sandy beach)
Glaucous-winged Gull – several imm's.
Western Gull – many
Calif. Gull – several
Caspian Tern – 1
Com. Murre – 2

Selasphorus sp.? – several
Belted Kingfisher – 2
Acorn Woodpecker – several
Hairy Woodpecker – 1 heard
Violet-green Swallow – 10±, 1 pr. perched by nest-hole
Scrub Jay – several
Am. Crow – "
Bush-tit – heard
Pygmy Nuthatch – several
Bewick's Wren – 1 singing
Western Bluebird – 2+
Cedar Waxwing – 2+ small flocks
Audubon's Warbler – 1♂ seen
Pileolated Warbler – 1 heard singing! 1 other seen
House Finch – several
Spotted Towhee – 2 singing
Savannah Sparrow – 1+ " on low herb growth near beach.
Oregon Junco – several
Nuttall's White-crowned Sparrow – several singing
Song Sparrow – 2 "

Apr. 16 Monterey Harbor, by chartered 110 ft. boat, to approx. 8 mi. WSW Pt. Pinos, & return, Monterey Co., Calif. – I went along on this Cooper Club field trip organized by Chas. Sibley. We went aboard at 8 a.m., sailed at 8:25 & docked

Apr. 16 (cont.) Monterey to 8 mi. WSW Pt. Pinos

again at 12:00 noon. Messrs. Rollo H. Beck & Stanley Jewett sat together on a seat just forward of the bridge and I talked with them briefly. Both of them pointed out that, ~~a~~ positive identification of _Puffinus griseus_ versus _P. tenuirostris_ out of hand is risky, for the latter sp. varies greatly in amount of pale gray on under-wing coverts — although averaging darker than _griseus_, some individuals might look like typical ones of that species. I should think, then, that a bird with definitely _dark_ wing-linings could be set down as _tenuirostris_. ~~and~~ (since _griseus_ always is silvery on under wing) and the _very silvery_ ones as _griseus_, with only intermediates questionable.

Birds recorded from the boat (and wharf) were:

Common Loon – 1 in breed. plumage between 7 & 8 mi. out. / 1 in winter plumage in harbor / 1 " breeding " just out of harbor

Arctic Loon – few in bay; 100 est. seen at all distances, offshore, outside of bay, most of them flying Northward in groups of 2 or 3.

Eared Grebe – about 5 in harbor (in breeding plumage)

Black-footed Albatross – 5 to 8 seen well offshore, including 1 on return trip which was less than 2 mi. off Pt. Pinos.

Sooty Shearwater – 200 est., from mouth of bay on out as far as we went. most ab. at 3-5 mi. out;

Apr. 16 (cont.) Monterey to 8 mi. WSW Pt. Pinos

Pink-footed Shearwater - 1 ~~large~~ light-bellied shearwater seen at a distance appeared rather large - but not definitely identified.

Fulmar - 40 est., most common ~~in~~ same belt as the Sooty Shearwaters, 3-5 mi. out.

Brown Pelican - several in bay & harbor

Brandt's Cormorant - many in bay, rapidly becoming fewer offshore, the last seen at less than 5 mi. off Pt. Pinos.

Pelagic Cormorant - several in & near bay.

White-winged Scoter - 1 flock of 50± (all this sp.) flew northward over ocean outside of bay.

Surf Scoter - 500 est., in variously-sized flocks, most of them flying northward.

Ringed Plover - 1 in flock of Least Sandpipers a few mi. offshore, flying northward.

Long-billed Curlew - 2 seen flying past boat well offshore by Mr. Jewett.

Least Sandpiper - 100+, in several small flocks, flying northward low over ocean; a few Westerns may have been among them.

Dowitcher sp. - 2 seen flying northward with flock of Surf Scoters - outside of bay.

Phalarope sp. - about 5 seen (either Red or Northern, not in bright enough plumage for breeding & Reds)

Glaucous-winged Gull - 1 ad., 30± imms.

Western Gull - many; by far most numerous sp.

Apr. 16 (cont.) Monterey to 8 mi. WSW. Pt. Pinos

Herring Gull - ~~about~~ 5 seen

California Gull - " 50 seen, mostly in one flock about 3 mi. off Pt. Pinos.

Heermann's Gull - 1 im. on beach in harbor.

Common Murre - 2 seen, ~~both~~ between mouth of bay & 3 mi. out of it.

Pigeon Guillemot - about 20 seen, all within 3 mi. offshore, several well within the bay.

Hummingbird sp.? - 10± seen flying northward across mouth of bay, between it & ~~but~~ about 2 mi. farther offshore than Pt. Pinos - Santa Cruz line.

Return trip to so. Calif. this p.m. - no observations.

— for notes of Apr. 17 - June 14 period see southern California NOTEBOOK (Journal pp. 34 - 60)

— for notes of June 17 - Aug. 26 period see Donner Pass - Lake Tahoe - western Nevada region NOTEBOOK. (Journal pp. 1 - , ~~being~~ numbered separately from So. Calif. & present series).

Species index to Journal, 1950 (page nos. underlined = 2+ refs. on that page)

BIRDS (in AOU checklist order)

Common Loon, -- 13
Arctic Loon -- 14
Loon, sp.? -- 13
Eared Grebe -- 14
Western Grebe -- 7
Pied-billed Grebe -- 2
Black-footed Albatross -- 14
Sooty Shearwater -- 14
Pink-footed Shearwater -- 15
Fulmar -- 15
White Pelican -- 8
Brown Pelican -- 7, 13, 15
Double-crested Cormorant -- 8
Brandt's Cormorant -- 7, 13, ~~14~~ 15
Pelagic Cormorant -- 7, 13, 15
Great Blue Heron -- 2, 5, 8, 10
Am. Egret -- 5, 8, 10, 13
Snowy Egret -- 8, 10
Black-crowned Night Heron -- 13
White-faced Glossy Ibis -- 8
Whistling Swan -- <u>1</u>, 4, 6
Canada Goose (incl. <u>moffitti</u>) -- 1, <u>5</u>
Lesser Canada Goose -- 1, 3, 5
Black Brant θθ 7
White-fronted Goose -- 3, <u>5</u>
Snow Goose -- 1
Mallard -- 4, 8
Gadwall -- 8
Baldpate -- 2, 4, 8
Am. Pintail -- 4, 8
Green-winged Teal -- 2, 8
Cinnamon Teal -- 8
Shoveller -- 8
Canvas-back -- 2, 4
Lesser Scaup Duck -- 7,
Scaup Duck, sp.? -- 4
Am. Golden-eye -- 4
Bufflehead -- 2
Old-squaw -- 7
White-winged Scoter -- 15
Surf Scoter -- 13, 15
Ruddy Duck -- 2, 8
Am. Merganser -- 2
Red-breasted Merganser -- 13
Turkey Vulture -- 2, 10, 12, 13
Calif. Condor -- 3
White-tailed Kite -- 5
Cooper Hawk -- 4, 5, 12
Red-tailed Hawk -- 3, 4, 5, 8, 10, 12
Red-shouldered Hawk -- 12
Swainson Hawk -- 8, 9, 10

Species index to Journal, 1950 (cont'd)

Golden Eagle -- 2, 8
Marsh Hawk -- 4, 5, 8, 10
Sparrow Hawk -- 5, 8, 10, 12
Calif. Quail -- 5, 12, 13
Ring-necked Pheasant -- 4, 5
Sandhill Crane -- 1, 5, 6
Florida Gallinule -- 1, 5, 8
Am. Coot -- 1, 2, 5, 8
Black Oyster-catcher -- 7
(Semipalmated) Ringed Plover -- 14
Mountain Plover -- 9
Killdeer -- 2, 5, 8, 10, 13
Black-bellied Plover -- 8
Black Turnstone -- 13
Wilson's Snipe -- 8
Long-billed Curlew -- 7, 14
Hudsonian Curlew, -- 7, 8, 13
Willet -- 8
Greater Yellow-legs -- 8
Least Sandpiper -- 2, 13, 15
Red-backed Sandpiper -- 7
Short-billed Dowitcher -- 13
Long-billed Dowitcher -- 8
Dowitcher, sp.? -- 15
Avocet -- 8
Black-necked Stilt -- 8
Phalarope, sp.? -- 15
Glaucous-winged Gull -- 13, 15
Western Gull -- 7, 13, 15
Herring Gull -- 5, 16
California Gull -- 5, 13, 16
Ring-billed Gull -- 5, 8
Heermann Gull -- 16
Gull, sp.? -- 4 (inland over flooded area)
Caspian Tern -- 13
Com. Murre -- 13, 16
Pigeon Guillemot -- 7, 16
Mourning Dove -- 2, 5, 8, 10, 12
Road-runner -- 10
Horned Owl -- 12
Burrowing Owl -- 5, 9
White-throated Swift -- 2
Selasphorus sp. -- 13
Hummingbird, sp.? -- 16
Belted Kingfisher -- 2, 13
Redshafted Flicker -- 2, 4, 5, 8
Acorn Woodpecker -- 2, 13
Hairy Woodpecker -- 13
Downy Woodpecker -- 12
Western Kingbird -- 8, 10
Black Phoebe -- 4, 5, 8
Western Flycatcher -- 12
Horned Lark -- 9

Species index to Journal, 1950 (cont'd)

Violet-green Swallow -- 13
Barn Swallow -- 8, 10
Scrub Jay -- 2, 5, 13
Yellow-billed Magpie -- 2, 8, 12
Raven -- 3, 9, 10
Crow -- 4, 5, 13
Plain Titmouse -- 2
Bush-tit -- 13
White-breasted Nuthatch -- 2
Pygmy Nuthatch -- 13
Creeper -- 7
Bewick Wren -- 13
Long-billed Marsh Wren -- 8
Mockingbird -- 12
Leconte Thrasher -- 9, 10
Swainson Thrush -- 12
Western Bluebird -- 2, 13
Am. Pipit -- 9
Cedar Waxwing -- 13
Loggerhead Shrike -- 8, 10
Hutton Vireo -- 12
Warbling Vireo -- 12
Nashville Warbler -- 12
Yellow Warbler -- 12
Audubon Warbler -- 2, 12, 13
Wilson Warbler -- 13 (Pileolated)
English Sparrow -- 9
Western Meadowlark -- 2, 4, 5, 8, 10
Redwing -- 4, 5, 8, 10
Tricolored Redwing -- 10
Bullock Oriole -- 8, 12
Brewer Blackbird -- 4, 5
Cowbird -- 10
Purple Finch -- 2
House Finch -- 2, 4, 5, 8, 10, 13
Am. Goldfinch -- 4, 5, 8, 12
Spotted Towhee -- 12, 13
Brown Towhee -- 2, 12
Savannah Sparrow -- 4, 5, 10, 13
Oregon Junco -- 13
White-crowned Sparrow (subsp.?) -- 2, 4, 5, 10
Nuttall White-cr. Sparrow -- 13
Golden-crowned Sparrow -- 2
Song Sparrow -- 2, 4, 5, 10, 12, 13

MAMMALS (alphabetically)

Canis latrans -- 9
Cervus nannodes -- 11
Lagenorhynchus obliquidens -- 7
Lepus californicus -- 4, 9

REPTILES

Crotalus, sp.? -- 9

C.

Cogswell, H.L.
Species accounts

Birds

Cogswell
1948

Gavia immer

Dec. 18 - Tomales Bay, Marin Co., Calif. - close views of at least 4 different birds of this species, one in first winter plumage (i.e., light edgings to back feathers) along the E shore of bay was so tame we could walk up & down on shore only 200 ft. or so from him without disturbing him.

The very large heavy bill of this species was quite evident on this bird, and at least 2 other loons well out in bay at the same time were distinctly larger than cormorants near them [See Gavia stellata for general comments re loon population here today].

1949

Sep. 14 - Moss Beach to Pedro Pt., San Mateo Co. Calif. at least 15 or 20 of the 25-30 loons seen on the ocean along here today were of this species, judging from comparative size and the very heavy bills (a few still showed traces of breeding plumage pattern on the back). This seems an early date for so many individuals.

Dec. 25 - "Crystal Beach", Santa Monica - Ocean Park, L.A. Co., Calif. - 1 seen on ocean just offshore

Dec. 28 - Morro Bay, San Luis Obispo Co., Calif. - 4 seen in the bay near its mouth. 1 of them seen swimming under water (using only its feet), near the sandy shore just W of Morro harbor. It was chasing a fish which eventually eluded it despite twists & turns by the loon in water so shallow its back was out.

1948 *Gavia arctica*

Dec. 18. Tomales Bay, Marin Co. Calif. A good portion, perhaps half or more, of the very large population of loons here today [see *G. stellata* for comment on numbers] was undoubtedly of this species. Several were seen close enough to see straight slender bill (cf. *G. immer*). One came up from a dive not over 30 feet from our boat (then being rowed) near Hog Id. It looked at us for several seconds with its head first one way & then the other before proceeding to dive again & swim away from us.

1949

June 29. Monterey, Monterey Co., Calif. As the class in marine invert. zool. from Hopkins Marine Station was straggling along under ~~the~~ Fisherman's Wharf here about 6:45 AM, one loon of this species swam by us at about 150 ft. Upon wading out toward it, I could see ~~its~~ small, straight bill. Some indications of breeding plumage were evident on the back, and in the pale ashy hind-neck; ~~but~~ rest of the plumage was typical "winter" type. It ~~dragged~~ trailed one foot behind it in the water.

July 15-16 } - What is apparently the same bird still present. (trails
July 20 } 1 foot) but now shows paler ash on head & darker back.

Cogswell
1948

Gavia stellata

Dec. 18 - Tomales Bay, Marin Co., Calif. One of the most spectacular sights here today was the one of dozens & dozens of loons passing up & down the bay practically all the time. There must have been several hundred altogether, probably half or so of this species, though all 3 species were identified. Many were on the water ~~mostly~~ well spread out from one another, & meanwhile flocks of 20-30 birds each flew past, a few of them low over the water but mostly about 50-100 feet up. It was a sight I had never before experienced.

Compared to Brandt's cormorants, which were also passing up & down the bay in large numbers, the loons flew in much looser flocks, with no apparent "formation". Their wing beats are slightly faster than cormorants. Without actually timing them, I would judge the smaller loons (both sp.) to have a beat of about 3 per second. The sound produced by their wings as they passed overhead was distinctly louder than that of the cormorants, though far less than that of the scoters & golden-eyes.

Cogswell

1948

Colymbus grisegena

Dec. 18. Tomales Bay, Marin Co., Calif.

3 seen together near W shore between Hog Is. + Sand Point. They were the first I had seen since 1931 (in Pennsylvania) but a dusky-necked, white cheeked grebe, larger than a coot + with dull yellow bill could not be any other species, so I called the groups' attention to them. Another lone bird was seen a little farther toward the mouth of the bay.

Dec. 25. Lagoon at N. (Ocean Ave.) entrance to Ohio Oil Co., 1 block S. of Washington Blvd., Venice, Los Angeles Co., Calif.

1 seen very well + watched for some time. It was identical in appearance with those seen on Tomales Bay Dec. 18.

Dec. 27. The same (?) bird in the same place. Seen also today by Ralph Mall of Los Angeles + Mrs. O. M. Stultz of El Monte.

Cogswell

1948

Colymbus auritus

Dec. 18. Tomales Bay, Marin Co., Calif.

This species was the commonest grebe on the bay, numbering at least 5X, & more probably 10X, the eared grebe. From Dr. A. H. Miller, Robt. Storer, & Harry Adamson I soon learned that all small Colymbi with dark or medium gray on side of the fore-neck are not eared grebes. Many of this species are quite gray there, with only the cheek pure white. The sharp line of demarcation of this cheek patch from black cap & from dusky of hind-neck (usually with much narrow dark line down nape), the thicker neck, heavier bill, and the negative character of never having a "high stern" as the eared so often appears to have are about the best differentiating characters.

We did not see any grebes fly until our return boat trip in late P.M., when several flew instead of diving to escape our boat. Perhaps this may have been a result of the rapidly ebbing tide & more powerful & turbulent current.

Cogswell
1948

Colymbus nigricollis

Nov. 5 - N. of E. end of Oakland Bay Bridge, Alameda Co., Calif. 14:00-15:00 - Several on open bay among and/or near the large flocks of ducks flew at approach of the boat. Others dove to escape us.

Dec. 18 - Tomales Bay, Marin Co., Calif. - See C. auritus for notes on relative nos. & differentiating characters.

1949

Jan. 29 - Dumbarton Bridge, Alameda Co., Calif. - Several groups of 5 to 20 each were feeding in phalarope fashion by swimming about rapidly & picking something up from surface of water by quick dabs of the head & neck. One group of 20± was working in a close formation, others were more scattered. All this was on the diked salt ponds of the Leslie Salt Co. near the K60 transmitter. A few of the birds were also seen diving.

Cogswell

1948

Aechmophorus occidentalis 1

Nov. 5 - Near (chiefly N. of) E. end of Oakland Bay Bridge, Alameda Co., Calif. 14:00-15:00 — an estimated 100 or so scattered in area N. to Berkeley Pier and a few near end of old Key System mole. Although the eared grebes flew at approach of our boat, all Westerns which we came close to simply dove and came up behind us or off to one side.

Dec. 18 - Tomales Bay, Marin Co., Calif. - the high-pitched "whistled squeak" call:

"k-r-r-e-e-e-k" (very brief)

was a common sound over quiet water of the bay

(later:) altho I had forgotten this call I find, on checking my old records, I described it (Jan. 19, 1947) as "a dry 'krick'."

1949

May 21 Año Nuevo Pt. San Mateo Co., Calif. — A rather close flock of about 40 were on the ocean just beyond scattered kelp beds in a slight cove south of the point.

Cogswell
1949

Diomedea nigripes

July 20 — ocean, approx. 9 mi. W. Pt. Joe, Monterey Co., Calif.

Two flying here; one came in cautiously toward our boat, now hove to. It swam up to us from a distance of about 300 ft. & circled around behind us to nibble at the trail of suet I put out. The other bird disappeared. [Depth here est. from chart to be about 900 - 1100 fathoms].

- ocean, approx. 6 mi. W. Pt. Joe, Monterey Co., Calif.

Sighted a close-packed troupe of 12 albatrosses swimming along over the swells like so many scoters!! We circled them & spiraled in, scaring off 2. Finally had to run the boat straight at them to get them up, & even then several had difficulty getting off the water (one didn't). Several taxied up and down over 2 swells before getting airborne. All those seen in the air today did a great deal of flapping — there was a fair breeze to us, but apparently not enough for them.

All albatrosses seen today were dark-rumped, but in 10 out of the group of 12 here noted were only 3 which also had dark heads; all the others had a great deal of white over the face, whereas these 3 had only a narrow line around the base of the bill.

1949

Fulmarus glacialis

Feb 13 - Point Reyes, Marin Co. Calif. - From the old lighthouse position at the "point of the point" we saw at least 10 flying to & from beyond the breakers. The closest they came to shore was a good 800 ft. or more out & the 1 or 2 that did that didn't stay long. Ratio of dark phase to light phase birds was about 2:1. Robt. Storer & I had some discussion re whether Fulmar's or Sooty Shearwater's wing ~~flaps~~ beats are more rapid. It seems to me that the fulmar gives a shallower stroke, perhaps also a little more rapid. We hope to have opportunity for direct comparison some day.

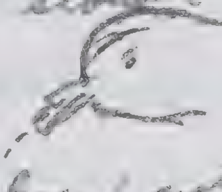
July 20 - Monterey Bay (offshore from Cannery Row), Monterey Co. Calif. Fully 60-75 fulmars, in groups of 1 to 5, sitting on the water or flying short distances. Most of them are in a peculiar light brown blotchy plumage, apparently brought about by wear for they all had noticeably frayed tips on primaries & rectrices. A few light phase birds seen & these were also worn & consequently very white in appearance. I suspect these birds are all hold-overs from last winter's population. A few typical appearing dark phase birds also seen.

Fulmarus glacialis

July 20. Just N. of Pt. Pinos to 9 mi. W. & slightly south of it, Monterey Co., Calif. An estimated 15-20 seen at various points, some on the water & of the same worn-down caliber as those in the Bay, others in apparent good plumage & flying well. All the latter were in typical dark phase or the mottled dark phase seen in winter; but several more very white birds were among those on the water.

Several times I compared the flight of the Fulmar with that of Puffinus griseus & noted the following:

Fulmar	vs.	Sooty Shearwater
- frequency of beat series	about the same (in full plumage birds)	
- freq. of beats within series	less	greater
- depth of stroke -	about the same	
- height on turns -	more variable	tends always to rise to ht.
- gliding speed -	much slower	much faster.
- carriage of head:		



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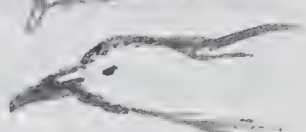


small ∠ with horizontal.

(cf. Feb. 13)

Nov. 20. (same locality). About 30 seen, all of them fully active, flying well, and taking off with only a moderate run. 2 of those seen were in light phase plumage, the others in various degrees of dark mottling to full "dark" phase. Another difference between Fulmar & Sooty Shearwater is that the former never holds wings in nearly closed position while running over the surface as does the latter.

Cogswell
1949

Puffinus griseus

July 4 - Pt. Pinos, Monterey Co., Calif. The shearwater flight offshore here this evening was the best yet — insofar as observation was concerned. Those recorded in my journal on June 19 were most probably this species as it has been common at the "mouth" of Monterey Bay ever since. On several dates we have watched them from Cabrillo Pt. (Hopkins Marine Sta.) Pt. Aulon (Lover's Pt. foot of 17th St., Pacific Grove) and from here. On June 25 one came close enough to shore here so that I saw the pale gray wing-lining areas. Largest numbers were estimated on June 26 at 300 off Pescadero Pt. in early A.M., and I think fully as many are here this P.M., many of them coming close enough for specific identification [see also P. opisthomelas & P. bulleri].

They seem to be closest to shore in early A.M. and just before dark. At mid-day they are still in sight coursing up and down about where the deep ocean swells break up upon entering Monterey Bay — but they are then too far out for identification. Some days they are not in sight at all from the shore at mid-day. The movement, if watched for only a short time

July 4 (cont.) - Pt. Pinos, Monterey Co., Calif.

is apparently all in one direction; but some 10 min. or so later the whole flock may be going in the opposite direction. This was very evident tonight between 6:45 and 7:30 P.M., during which time I watched whole flocks ~~make~~ trace ellip-tical courses from just off the rock at the N. side of the "Point" to a mile or more along the wave-crests running approximately NE from there and return. Some few individuals turned around sooner, and for a time some went on around the Point and out of sight; but many were seen to double about several times. There is, then, no simple migratory movements along the shore going on at present — or if so, it is obscured by frequent back-tracking. I have a suspicion that this whole flock masses some-where off the peninsula to roost on the water — but they were still flying close off the point when it was so dark I could barely see them.

The manner of flight, for com-parison with other species noted, may be described as follows:

Puffinus griseus

July 4 (cont.) - Pt. Pinos, Monterey Co., Calif. -

- ~~about~~ when flying upwind, about ½ flapping & ½ sailing, 4 to 10 flaps in a series, mostly within 15 feet of the water but slightly higher when flapping, often grazing the surface when sailing.

on the turns from upwind to downwind: they often give an extra long series of flaps, rising to a height of 30 ft. or more and then into the next phase:

when flying downwind: wings often held at more decided angle to ocean surface:

flaps in shorter series & series much less frequent, rising to the 30+ ft. height more frequently, but not maintaining it at all —— merely gliding over the top of a smooth "knoll" & down again.

July 6 - 7:15 - 7:35 P.M. I watched ocean from the same point. There were from 2 to 30 shearwaters crossing my binocular field at all times during this period, most of them much closer to shore than on 4th & all but a few were of this species. all flew steadily westward & southward around

July 6 - (cont.) - Pt. Pinos, Monterey Co., Calif.
the point, except for an occasional one far out which was seen to circle about. They seemed to be sticking closer to water surface than on 4th. Total number seen going by in the 30 min. was 3000+.

July 7 - 6:45 - 7:15 P.M. - The sea is much calmer than yesterday — and shearwaters far less numerous. Not over 200-300 seen passing by the point, and many of them circled around & settled briefly on the water well offshore at ~~places~~ places where Heermann's Gulls were also plunging to the surface. When going on around the "point" they flew at greater average distance from shore than yesterday. With the calm sea & little wind they had to flap almost constantly: series of 8-12+ flaps following one another with only very brief glides between them — the glides lasting less than 1/3 the time that the flap series did.

July 10 - 7:05 - 7:15 PM. - Thin misty fog. Sea nearly as smooth as on 7th, but wind a bit stronger. Total of about 7 shearwaters seen; the 2 which came close enough for identification were this species. Flight of all was very close to surface, with periods of flapping & sailing nearly equal in length. All going SW past point.

July 14 - Ocean W. of mouth of Elkhorn Slough, Monterey Co., Calif.
numbers travelling Northward well beyond breakers.

Cogswell
1949

Puffinus griseus

July 17 - Pt. Cypress and Pescadero Pt. (W. and S. sides of Monterey Peninsula), Monterey Co., Calif. Estimated 300 & 500 respectively — all passing along at usual distance & headed northward around the peninsula. The time is late A.M. (11:00 - 12:00) altho too far out for identification of most of them, the few close in were this species and most of them probably were also.

Pt. Lobos, Monterey Co., Calif. Estimated 500 or more seen — the general flight line here at 2:00 PM is still northward, but off the tip of the peninsula there was quite a bit of circling around.

- off mouth of Malpaso Cr. [S. of Carmel Highlands] Monterey Co., Calif. - 1000+ seen between 5:15 & 5:45 PM. Most of these were flying southward [!!! - cf. above] at a distance offshore about twice that of the main flight of the Brandt's Cormorants. [Species again assumed to be this; the manner of flight being exactly that described above for Pt Pinos]. Some 200 or so were bobbing on the waves in a loose flock, at about the same distance offshore, but the flying birds passed on without joining them.

July 20 - Monterey Harbor to point ~~on~~ ocean about 9-10 mi. W. Pt. Joe, Monterey Co., Calif., & return

Leaving the harbor at 1:06 P.M. & out along the S. side of the bay to past Pt. Pinos no shearwaters were seen. About 1 mi.

Cogswell
1949

Puffinus griseus

July 20 (cont.) - Ocean from just N. Pt Pinos to about 9-10 mi. W. Pt. Joe, Monterey Co., Calif. further out the first few were seen, and at about 4-6 mi. W. of the end of the peninsula we ran thru quite a zone of shearwaters. Nearly all were this species; many very close views were obtained (see also P. creatopus). None settled behind the boat, however, despite our tossing suet out for them. They did make circles & turns around the boat & seemed to come much closer than most of those we saw from southern Calif. boat trips in 1947-48. Beyond the 4-6 mi. zone & out to 9 or 10 mi. (as far as we went) there were fewer & fewer shearwaters. On the return we again passed thru a definite zone of them, this time (about 4:15 P.M.) all of them flying on to the Northward.

Total estimate of number seen: 500-1000. Nowhere were they as densely grouped as those noted on July 4.

One individual was resting on the water well within the bay in company of 2 Fulmars on our return at about 5:00 P.M.

Cogswell
1949

Puffinus griseus

July 26. N. side of Pt. Pinos, Monterey Co., Calif.

When we arrived here at 6:15 P.M. there was a steady stream of shearwaters (presumably mostly this species) passing S.W'ward at about the line where the first line of whitecapped swells appeared at the mouth of the bay. Farther in the bay they could be seen streaming along from about the direction of middle of Fort Ord. Most are too far away for positive species identification but they all fly like this species & the occasional 1 or 2 which are out of line closer in are definitely so. The general flight is more narrowly restricted to a given line (not over 4 to 5 birds wide) than, observed by me on any previous date.

Count from 6:20 to 6:25 P.M. totalled 536 individuals, about 10-12, average, in the field of vision of my 9x binoculars at once. Another 5 minute count from 6:35 to 6:40 P.M. ran to about 800, with some flocks going by so thick & fast I couldn't count every individual; there were up to 30 or 35 in field of vision at some times. Judging that the average number per 5 minute period during our stay at the point was 600 (more from 6:30 - 6:50; less than 500 from 7:00-7:10) I estimate about 6000 passed the point in the 55 min. from 6:15 to 7:10 P.M.

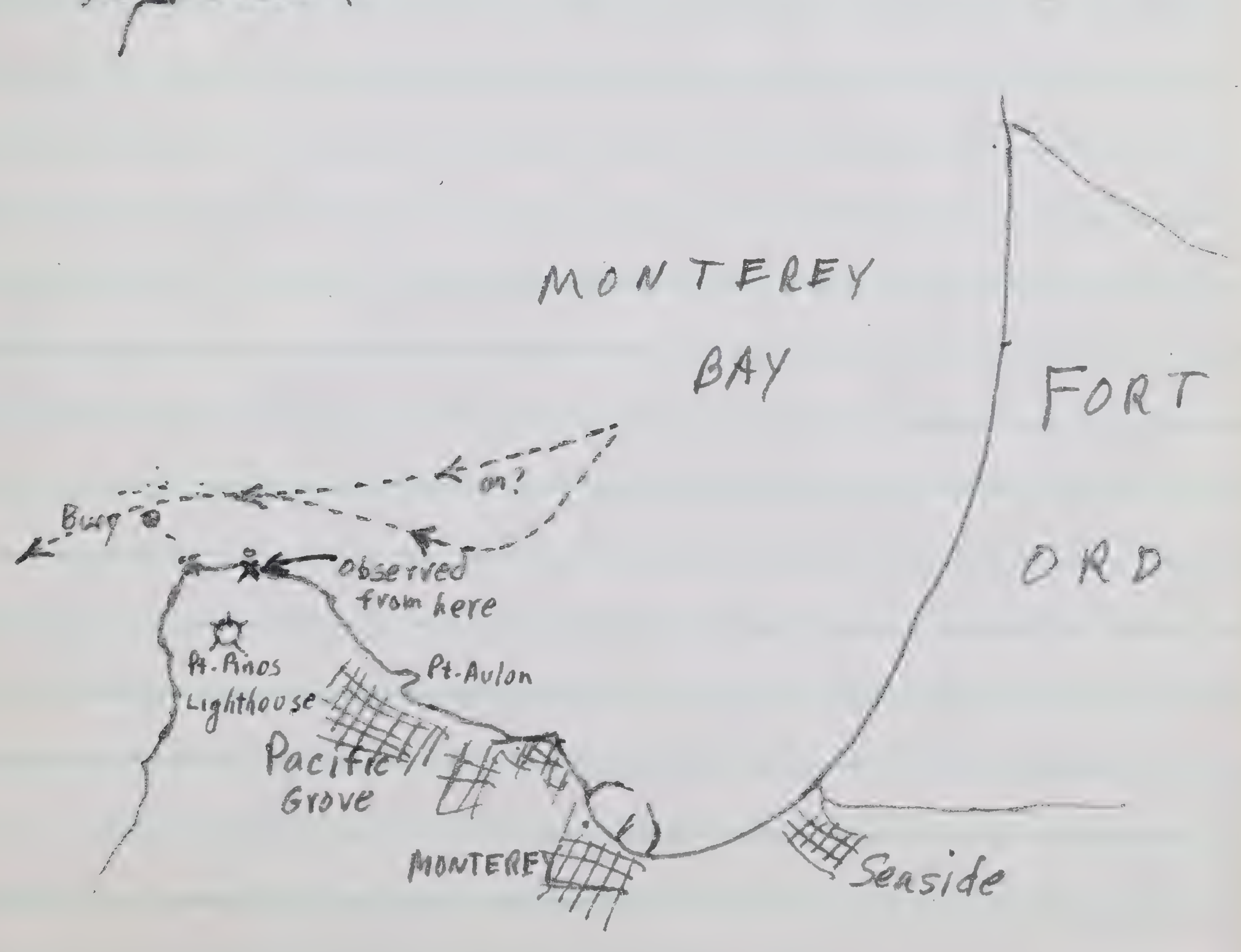
Cogswell
1949

Puffinus griseus

July 27 - N. side of Pt. Pinos, Monterey Co., Calif.
Watched from about 6:48 to 7:00 PM. & saw only 14 shearwaters, all well offshore & mostly single !!! a terrific diminution over last night's numbers. Sea is somewhat less choppy tonight but the main swells are as big as last night. On the way home we checked also the W. side of the point & saw none.

Possibly yesterday's flight was of a migratory nature & not merely a daily movement. What one needs to follow these birds, though, is an aquatic helicopter.

Insofar as I could tell from here the line yesterday travelled something like this:



Cogswell 1949

Puffinus opisthomelas - 1

July 4. Pt. Pinos, Monterey Co. Calif.
at least 3 different birds of this species seen
among the numbers of P. griseus just off-shore here in late P.M. They were
close enough to see white under-parts & wing-lining & to compare
size (decidedly smaller) with both
the Sooty Shearwater & Heermann's Gull.
May have been much more common;
but certainly far less numerous
than P. griseus.

I noted no distinctive flight
features, but I was unable to
follow individuals of this species
for very long with my binoculars.

July 6 - at least 4 seen among hordes of
passing P. griseus [which see].

Cogswell
1949

Puffinus creatopus

July 20 - ocean, 4-8 mi. W., slightly S. of Pt. Pinos, Monterey Co., Calif. About 8 shearwaters of this species seen, well distributed over the stretch of water which we covered between 2:00 and 3:30 P.M. They were seen flying singly, except for 2 on the water. One came within about 50 feet of the stern of the boat, but did not stop. It afforded us a good view of its pink feet at this range. Best distinguishing features at somewhat greater range are the white underparts, with dusky under-tail coverts and irregular gray on white under wing surface (especially noticeable in axillaries). The slow wing beat, usually not so swift a flight as compared with Puffinus griseus is very prominent a good identifying mark at any range where the light underparts can be seen.

[On our return, somewhere in this same area, Laidlaw Williams saw 3 of this species flying together.]

July 26 - N. side of Pt. Pinos, Monterey Co., Calif. One of the few shearwaters which was out of the main line of flight & closer to shore [see P. griseus] was this species,

Cogswell
1949

Puffinus bulleri

July 4. Pt. Pinos, Monterey Co., Calif.
A single individual seen repeatedly (or different ones?) from the N. side of the Point about 7:00 - 7:30 PM. Its white underparts, light gray back, dark brown flight feathers & upper secondary coverts and dark tail all noted. The light tone of its upperparts was very noticeable in comparison with the dark of the abundant P. griseus & even with the dark upperparts of P. opisthomelas. In size it was compared directly only with P. griseus & seemed but slightly smaller.

It was seen first about 7:00 PM, & thereafter it circled around for some time to the N. of the point. When flapping against the wind it seemed to have about the same speed of wing stroke as P. griseus, but it sailed higher between flap series — sometimes even "hanging" on the breeze at 15-20 feet above the water (something P. griseus never seems to do) for several seconds. Going downwind it seemed to travel less rapidly than griseus, but with typical shearwater grazing of the water surface between swells.

It is definitely the same sp. as I saw in the central Pacific commonly in Nov. of 1945 — easily picked out because distinctively marked.

Puffinus bulleri

July 6 - Pt. Pinos, Monterey Co., Calif. - one or more seen (2 different times) again this evening between 7:15 + 7:35 P.M. They stand out from the Sooties like a beacon because of the gray upperparts. Dark wing-tips are not so conspicuous against the dark water of the swells, but show up well against the water which is catching the reflection of the late P.M. sun.

Cogswell

1948

-1

Pelecanus erythrorhynchos

Dec. 18 - Tomales Point, Marin Co., Calif. - at least 5 were resting on small islet off W. side (open ocean) of peninsula 1 mi. or so from N. end., along with many *P. occidentalis*, cormorants, etc. R. W. Storer says that he has seen a small group of this species on the same islet on previous trips here.

It seems unusual that a few would thus roost separately from the main flock in nearby Tomales Bay & in such an atypical location for the species.

1948 *Pelecanus occidentalis*

Oct. 10 - ~~San~~ Pedro Point, San Mateo Co., Calif.
An estimated 300 or more on outermost offshore pinnacle. This is a very steep sided pyramid; and since I could see only one face, there may have been many more. During the half hour or so (12:00-12:30) that we were on the mainland cliff opposite there were, of course, always some arriving and departing and a few soaring high overhead. Once, however, for unknown reasons a flock of 100 or so took off from the rock & soared up around the mainland cliffs before resettling on their guano-splashed perch offshore. None were seen fishing.
Princeton, San Mateo Co., Calif.
only a few here. One fishing near piers. 1 found long dead on beach.

1949

July 4. Elkhorn Slough, Monterey Co. Calif. - 159, by actual count, resting on sand islands in N. arm (old outlet channel) between dunes and Highway # 1.

July 17 - Pt. Lobos, Monterey Co. Calif. - an estimated 700 on bird islands off S. shore of peninsula, but with constant arrivals & departures. All were just sitting or preening. Majority were ads; few, all full-grown imms. Laidlaw Williams says only a few pairs breed here.

1948 Phalacrocorax auritus

Oct. 9 - Municipal Fishing Pier, Berkeley, Calif.
10:00 + ½ hr. ff. - flock of approximately 250 fishing en masse just offshore S. of pier, after the manner described by Marshall.

Oct. 17 - Point Richmond, Contra Costa Co., Calif.
11:00 - 11:30 - While we watched to W. + S.W. from small sandy beach opposite 100 block of Western Drive at least 15 flocks of from 5 to 40± birds each passed to the southward. Most of them flew very close to the surface of the water but would occasionally rise suddenly in stepwise fashion (i.e. - leading birds first, followed at same location by others) to a height of 15 - 30 ft, only to drop again. A few flocks flew steadily at a 50 to 100 feet height.

A single immature bird which was diving about 300 ft. off the beach was watched for several minutes. Its periods under the water averaged about 25 seconds, above water about 15 sec. or less.

Dec. 18. Tomales Bay, Marin Co., Calif. - relatively few of this species as compared with P. penicillatus. A few flocks of up to 8 or so of P. auritus were seen, as well as scattered individuals which were mixed with flocks of the other sp. The contrast between yellow pouch + lower mandible of these, + dark of Brandt's was very evident.

1948 Phalacrocorax penicillatus

Dec. 18 - Tomales Bay, Marin Co. Calif. : By far the commonest cormorant here. Large flocks come flying in toward inner bay (!- seems a little out of usual feeding place for this sp.) from out toward ocean. No densely packed fishing flocks were seen. A little later many are going back out again; some still coming in. All flocks fly in a somewhat staggered, irregular line — and frequently they rise, in succession, as though over an obstacle.

[See Gavia stellata for comparison of flight of flocks of respective species].

1949

July 17 - 17-mile Drive, Monterey Peninsula, Calif. - common — small to large (100±) flights going ~~up~~ and down coast at all times. "Bird Rock" between Pts. Joe & Cypress is black with them — probably easily 10 - 15,000 birds. Many nests containing nearly grown, but still partly downy young are visible from the mainland. They can also be smelled! (photo taken of colony)

Pt. Lobos, Monterey Co. Calif. — on the largest "Bird Island" off the south shore are fully 15,000 cormorants — the vast majority of them this species. The big concentration is on the flat area above the cliffs, which latter harbor chiefly P. pelagicus. All young of P. penicillatus seemed well grown, but not flying.

(several photos taken)

Bagwell 1949 | Phalacrocorax pelagicus | 1. 1

July 17 - "Bird Rock", 17 mile Drive, Monterey Peninsula, Calif. There is a fringe of this species around the lowest slopes of the islet, which is covered above them with P. penicillatus. I could not be sure whether there were any active nests of pelagicus.

- Pt. Lobos, Monterey Co. Calif. - Several hundred here, most of them nesting in niches or on ledges of cliffs of the "Bird Islands" off the S. shore of the peninsula. Here again P. penicillatus occupies the higher, gentler slopes, pelagicus the steeper cliffs closer to the water.

1 photo taken of 3 nests I was able to approach most closely. They contain young from 1/2 to 3/4 grown, the former still in entire fuzzy black down.

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Cogswell
1949

Ardea herodias

-1 1

July 4 - Elkhorn Slough, Monterey Co., Calif. about 8 individuals were seen in 1½ miles of the slough, traversed by rowboat from the landing near the Highway #1 bridge. Two were seen to fly to tall Eucalyptus trees near the E. end of a long windbreak of same S. of the slough and there to alight on separate nests. a few minutes later two individuals flew out again over the slough. In the trees where their nests were seen, I could make out about 6 or 7 other nests (all of this sp.?) but time did not allow closer examination than from the boat.

Cogswell

1948

Casmerodius albus

1

Oct. 26 - Near L.S.B., University of California, Berkeley, Calif.
07:50 - 1 flew in from N and alighted, somewhat gingerly, on topmost boughs of eucalyptus tree in the traffic circle in University Drive between West Entrance and the Life Sciences Bldg. It remained there while many students passed along street below; but was gone by the time I looked again from within the M.V.Z. (about 08:00)

1949

Jan. 29 - Bay Farm Id., Alameda & Oakland, Alameda Co., Calif.
at least 3 egrets seen today were noticeably lengthening nuptial plumes.

Mar. 13 - Albany, Alameda Co., Calif. + adjacent Richmond
of 3 birds on mud flats N. of Golden Gate Fields Race Track, one had very long nuptial plumes which were obviously worn at the tips.

Cogswell

1949

Leucophoyx ~~candidissima~~ thula

Jan. 30 - N. end of Bolinas ~~Bay~~ Lagoon, Marin Co., Calif.
one was foraging here in typical "light-footed" fashion, moving rapidly along thru the shallow water at ebb tide & lifting its yellow feet just out of the water at each step. This bird is beginning to show nuptial plumes [see Casmerodius egretta, also]

Cogswell

1948

Nycticorax nycticorax

Oct. 17. Point Richmond, Contra Costa Co., Calif.
11:10 - a single "quok" call heard from top of eucalyptus trees in yard between 125 Western Dr. and small sandy beach. Miss Jacqueline Watkins, who lives at that address & is familiar with the birds, says that about 10-12 of them roost in the trees regularly except during the spring and early summer.

1949

Nov. 21-23 - Gill Court, Albany, Alameda Co., Calif.
Every evening at dusk (while I've been confined to the house by illness) a small group of 4 or 5 birds has flown over our house toward the San Francisco Bay shore - calling "quok" several times as they go. They apparently roost during the day in the cypress trees between Codornices Village & the Gill Experimental Tract, & fly out to feed in the evening on the tule flats.

Dec. 4. Grey Lodge Refuge, S.W. Butte Co., Calif. - an estimated 400 or more were resting in & on cat-tails of pond within 2nd loop road ~~closest to~~ from refuge headquarters. This is, I believe, the largest concentration I have ever seen at one place.

Cogswell
1949

Plegadis mexicana

90 ft.

Dec. 11 ; 3 mi. SE Gustine, Merced Co., Calif. - a flock of about 20 individuals flew up and circled about when a Marsh Hawk flew low over them. They soon settled down again into tall grass and young tules of an area of marshy islands in a shallow pond. With a particularly favorable angle of light the green sheen of their upperparts was very prominent. They were scarcely visible to us when down in the marsh, however. Good views of them in the air were also obtained by Dr. Miller & 6 members of his ornithology class.

Cygnus columbianus

1949

Feb. 5 - Eastern part of Victoria Id., + Honker Lake Tract, 10 mi. W + 3 mi S of Stockton [13 mi W + 4½ mi S of Stockton], San Joaquin County, Calif. - about 250 swans, in groups of 10 to 60 or more, were seen from state hi-way #4. They were on the ground in open, weedy + muddy fields, apparently feeding by grubbing in the mud.

- 3± mi. W of Thornton, northwestern San Joaquin Co., Calif. 30 more swans, in 2 groups, down on recently plowed + unplowed asparagus fields. The unplowed portions had a good deal of dried up + matted down asparagus plants still on them + numerous red "berries" still on the branches as well as on the ground. altho it couldn't be determined for sure that the swans were eating these, the were certainly getting something off these fields — and the only visible vegetable food was the asparagus. A farmer whom we contacted here says he thinks they eat the asparagus berries. I took 3 photographs on Kodachrome 828 film of a part of these birds (2 on ground, 1 in flight)

- 4½ mi. W of Thornton, northwestern San Joaquin Co., Calif - about 120 more swans in middle of huge flock of feeding Pintails [see sp. account] on muddy plowed field at extreme northern end of "Staten Island." (near fork in Mokelumne River)

Cogswell

1949

Cygnus columbianus

Feb. 5 - about 7 mi. NNE of Knights Landing, Sutter Co., Calif. another group of about 15 swans also on the ground in broad, open fields near a lot of ducks (chiefly Pintails.)

Feb. 6 - Gray Lodge Refuge, S.W. Butte Co., Calif. - see Journal.

(Mar. 19-20) - " " " " " " - NONE in evidence.

Dec. 11 - 90 ft., 3½ mi. SE Gustine, Merced Co., Calif. - a single individual seen flying over marshy country at S. end of "Club 14"; and about an hr. later a flock of 10 was flying near the same place.

" - ft., State Game Refuge, NE Los Banos, Merced Co., Calif. - about 15 in a flock on one of the oxbow ponds near N end of refuge.

1950

Jan. 22 - elev. <5 ft. 9 mi. W, 1½ mi. S Lodi, San Joaquin Co., Calif. - A flock of about 600 was resting in a muddy abandoned farmyard along state highway 12. A few straggling groups (of 5-8 each) also seen in flight near White's Slough just to the south.

Cogswell
1948

Branta canadensis

Oct. 24 - San Pablo Reservoir, 300± ft., Contra Costa Co., Calif.
at least 8 large Canadas present with mass of ducks in cove on N.C. shore of lake. 4 of them were walking slowly along the dry grassy slope a few feet from the water's edge and were once obviously upset when ~~chasing~~ 2+ coots, chasing each other, crashed thru among them. The other 4+ were at rest on small point of land about 20 ft. from end of cove. All this observation via 22x scope + 9x binoculars from hi-way SW of lake.

Nov. 13 - 93 B. c. canadensis (or other "large subspecies") and 4+ B.c. leucoparica seen from road along SW. shore of dam. Many of them were on shore just below the road until I walked into sight, when they swam slowly out into lake. Some had been honking occasionally but were entirely silent after they saw me.

1949.

Feb. 5 - 10 mi. W + 3 mi. S of Stockton, San Joaquin Co., Calif.
a flock of 12 large geese of this species (very probably B.c. canadensis) flew over, but were silent.
- about 4½ mi. E of Woodland, Yolo Co., Calif.
About 70 B.c. canadensis + at least 8 definitely smaller ones, probably B.c. leucoparcia in partially flooded plowed field with a few thousand ducks, chiefly Pintails. The geese were far more wary than the ducks + flew up + beyond a

Branta canadensis

Feb. 5 (cont.) - row of small willows where they dropped down again, although the ducks much closer to us were undisturbed [cf. actions of Anser albifrons this same date].

Feb. 6 - Gray Lodge Refuge, S.W. Butte Co., Calif. - see Journal -

Mar. 20 - " " " " " " " - of all the "Canadas" seen here today (550+ total), those seen at close enough range all seemed to be B. c. minima on basis of short bill and the call notes given in flight, which were high nasal "kank", "kank", "kank", etc. — varying in pitch from bird to bird — but none doubled. One flock of 50± feeding on sprouting grain field S. of the refuge gave deeper calls, & I think they were B. c. leucoparica. One group of 3 which flew over headquarters seemed large enough & slow enough of wing beat to be B. c. canadensis. Mr. Cowan, refuge manager, says that the Cackling Geese are the last to leave in the spring.

Cogswell

1948

Branta bernicla

Dec. 18. Tomales Point, Marin Co., Calif. - a flock estimated at 400 came in thru the mouth of Tomales Bay in late P.M. and settled on the rough (but not quite white-capped) water outside the sand-bar. another ?? flock was seen, in flight far offshore; but these are the only ones in evidence. Eelgrass is abundant in the bay, with windrows of it up on shore + some floating in the bay — but the brant are apparently mostly out at sea.

Cogswell
1949

Anser albifrons

Feb. 5 – 4½ mi. W of Thornton, northwestern San Joaquin Co., Calif. approximately 50 scattered in small groups among the huge mass of Pintails feeding here on a partially flooded plowed field. When I got out of the car the nearest 1% or so of the Pintails picked up & flew — but some 4 or 5 of the geese in the same region stayed on the ground & after a moment's pause, resumed feeding.

Cogswell
1948

Philacte canagica

Dec. 18. Tomales Bay, Marin Co., Calif. - Just at dusk (about 5:45 P.M. C.D.S.T.) as we passed NE. of Hog Id. enroute back to boat landing, Harry Adamson spied a bird among the raft of coots which made him almost speechless. But he managed to at least whisper "Emperor Goose" & soon those in the front boat were screaming about it. Dr. Miller had cut the motor, & we in the boat being towed asked "where?". Soon I picked it out as it sat on the water very close to us. Even in the dim light the bluish body with white flecks showing, pure white head & black fore-neck could be seen. It soon flew, what with all the noise we made, and all of us saw its yellow feet plainly — and all those present added a new species to their acquaintance.

Cogswell

1949

Chen hyperborea

Feb. 5 approx. 6 mi. E of Woodland, Yolo Co., Calif.
a flock of 15 flew low + circled over mass of feeding ducks + Canada Geese, but failed to alight (because we were there?).

Cogswell

1948

Anas strepera

Dec. 21 - "Mugu Game Preserve" (a gun club), 5 mi E + 1+ mi S of Port Hueneme, Ventura Co., Calif. - about 15 males seen on the few ponds which can be seen from Caspar Rd.

1948

Anas acuta

Oct. 24 - San Pablo Reservoir, 300+ ft., Contra Costa Co., Calif.
Three more or less separate flocks totalling an estimated 1200 birds. The two largest flocks were mostly resting on the far (NE.) shore of the lake, while about 100 or so were feeding in shallow end together with baldpates & teal. Nearly all the males seem to have pretty well come out of the eclipse plumage & their white breasts now show up prominently from a distance.

Oct. 31 Bay Farm Id., Alameda, Alameda Co., Calif.
One female which circled us on SW. shore of San Leandro Bay uttered low, very hoarse "quack" several times. It was even less musical than ♀ mallard's reedy note.

1949

Feb. 5 4½ mi. W of Thornton, northwestern San Joaquin Co., Calif. - a single huge mass of 20,000 or so (as estimated by blocks of 50 for 1st 500, then by 500's) densely packed on a partially flooded plowed field by N. Fork of Mokelumne River. They were feeding voraciously in the mud, both in & out of the water, the "white" breasts of the males being a good mud-brown in color. We looked them over carefully for other species, but saw none (tho one "mallard" quack was heard). This flock

Cogswell
1949

Anas acuta

Feb. 5 (cont.) plus outlying smaller flocks in other fields nearby easily totalled 25,000 birds — the most I've seen in 1 place since the duck boom days of 1941-42 (or since our Willows refuge trip in Dec. 1945, when they were concentrated on the refuge during hunting season).

July 3. N. end of Elkhorn Slough, 3 3/4 mi. S. of Watsonville, Monterey Co., Calif. Flock of 30±, all in dull plumage, flew over slough at height of 200+ ft. and continued on to the N.

Cogswell

1948

Anas ~~crecca~~ carolinensis

Oct. 24 San Pablo Reservoir, 300 ft., Contra Costa Co., Calif.
at least 8, including 3+ males, were seen among ducks feeding in shallow end of lake in mid-PM; and many more may have been among flocks of ducks on far shore.

1949

Feb. 5 - about 6 mi. E of Woodland, Yolo Co., Calif. - 100± among the larger flock of pintails on partially flooded plowed field — the only teal seen all day on trip from delta region W. of Stockton to Sacramento, here, & to Marysville.

~~1950~~

~~Feb. 16 San Dimas Canyon reservoir, 1450 ft, San Gabriel Mts., L.A. Co., Calif. - 1 ♂ on sandy delta at head of reservoir, with 13 mallards (q.v.).~~

→ (see southern California notes; this item transferred to it).

Cogswell

1948

Mareca americana

Oct. 24 San Pablo Reservoir, 300+ ft., Contra Costa Co., Calif.
About 250 estimated in scattered flock, with a few teal & pintail, feeding in shallow end of lake in mid P.M. Males were pretty well along toward bright plumage.
No baldpates were seen among large flocks resting on N.E. shore, but some may have been there.

1949

Feb. 5- Victoria Id., western San Joaquin Co., Calif.
A number scattered among large flock of pintails on open fields. — the only baldpates seen all day on trip from here to Stockton, Sacramento, Woodland, & Marysville.

Cogswell
1948

Aythya collaris

Nov. 27 - Jewell L., Tilden Regional Park, Contra Costa Co., NE of Berkeley, Calif. 2 males (1 in somewhat intermediate plumage) and 2 females. Flew away with rest of ducks when we approached shore of lake.

Dec. 5 2 ♂ and 1 ♀ on Jewell L. this AM. The males, I think, were likely the same 2 as above, since one was ~~still~~ obviously not yet in full drake plumage. They both flew away ~~with~~ with the canvasbacks upon our first approach into the open near the ~~south~~ east shore, but the single female swam out into the middle of the pond + remained until we came considerably closer. She was keeping company with a ♀ Scaup rather than with the ♂ Ring-necks.

Cogswell

1948

Aythya valisneria

Nov. 7 - E. side San Francisco Bay, at Berkeley, Alameda Co., Calif. at least 18 among scaups & ruddies on bay opposite Berkeley Aquatic Park.

1949

Apr. 22 · Pt. Isabel to Golden Gate Fields Race track, Albany, E. side of San Francisco Bay, Alameda Co., Calif. - after being very common all winter all along the shore here, with maximum numbers of 450, est. here on March 13, there are today only 4♂ & 8♀ in sight.

Cogswell
1948

Aythya marila

Nov. 5 - N. of E. end of Oakland Bay Bridge, Alameda Co., Calif.
14:00-15:00 — at least 2 of the scaup ducks which flew past us had a long white stripe in wing to well beyond the bend (i.e. - well onto primaries). These at least I feel sure were of this species, and I suspect that quite a number were present among the much more abundant A. affinis

Cogswell
1948

Aythya affinis

Nov. 5 - N. of E. end of Oakland Bay Bridge, Alameda Co., Calif. 14:00-15:00 - A conservative estimate of at least 10,000 scaup in 2 large, well spread out flocks in area between the bridge, Berkeley Pier, and Treasure Id., — which area we covered fairly well from the boat operated by a bridge employee. They were pretty wild, flying en masse as the boat approached within easy ~~field~~ binocular range. None were seen diving, although they may have before we bothered them. The vast majority of all waterfowl present were of this species. Females & imms. outnumbered full-plumaged males.

Dec. 5 - Jewell L., Tilden Park, Contra Costa Co., NE of Berkeley, Calif. One ♀ in mid-pond flew away with Canvasbacks & ♂ ring-necks, while another ♀, which had been in close to E shore, merely swam out to the middle of the pond when we came into the open on road E of pond. This latter bird was accompanying a ♀ A. collaris. They flew away together after we approached ~~th~~ more closely.

1948

Bucephala clangula

Nov. 25 - Just N base of Pt. Isabel, S.E. part of Richmond, Contra Costa Co., Calif. - 3 birds in ♀ plumage (of this sp. or B. islandica) were diving in active fashion & in rapid succession in the small part of tide flat area between big dike and the highway. The tide was flowing out thru the only gap in the dike quite rapidly & after a few minutes, the golden-eyes worked out with it into the main part of the bay.

Nov. 27 - Jewell Lake, Tilden Park, Contra Costa Co., NE of Berkeley, Calif. One female seen. It flew up with other ducks at our approach to the west shore; but, whereas the others disappeared from the vicinity, the golden-eye circled back over the pond (at about 150 to 200 ft. alt.) several times. We went on up the hill after that & I don't know whether she actually landed in the pond again or not.

Dec. 5 - 2 females were on the pond — and stayed there despite our walking slowly & in plain sight along E. & N. shores. Another ♀ came in to the pond after we were there for some time. At one time, when one ♀ was flying up to just cross the pond, I heard a slight whistling from her wings. It does not seem nearly so prominent as that I heard

Dec. 5 (cont'd.) from this species as a boy in Pennsylvania (circa - 1930-31). The ♀ in flight overhead on Nov. 27 produced no noticeable whistling sound at all.

— N. end Golden Gate Fields, San Francisco Bay shore, Albany, Alameda Co., Calif. - 2 separate ♀♀ seen, and 2 ♂♂ close together in small tidal pond within race-track fence. The males dove alternately, each surfacing again very close to the other one, which in the meantime had moved forward on the surface.

Dec. 18 - Tomales Bay, Marin Co., Calif. - Female golden-eyes were quite common, especially in the small coves along the NW shore well out toward mouth of the bay. Of an estimated total of 150 seen fully 125 were in the ♀ plumage; the rest in adult ♂ plumage of this species. The "whistle" of even the ♂'s' wings was not nearly so loud or so evident as the noise made by the heavier Scoters.

Dec. 25 "Del Rey Lagoon" (old Ballona Creek bed) at Recreation Gun Club, S. of Washington Blvd., Venice, L.A. Co., Calif. - 2 female golden-eyes on this tidal channel with oil wells on one side + drained salicornia marsh on the other. 1 also seen on nearby new Ballona Creek channel.

Cogswell

1948

Bucephala clangula

(Dec. 27) None could be found in above area despite diligent search. Heavy rain of last night & showers today may have been a factor in their disappearance? or hunters may also have been, tho few if any hunt along the lagoon near the oil wells.

Cogswell
1948

Bucephala albeola

Dec. 18 - Tomales Bay, Marin Co., Calif. - commoner here than any place I've ever been, an estimated 200 seen, the vast majority of them in ♀ plumage. A favourite feeding ground seemed to be in coves along N.E. shore of Tomales peninsula inside the sand bar at mouth of bay.

Cogswell
1948

1

Histrionicus histrionicus

Dec. 18. Tomales Point, Marin Co., Calif.

1 ♂ and ♀s were standing on rocks under the NE overhang of bluff at tip of point & were under observation by others of group when I walked up to top of bluff above the ducks & caused them ~~to~~ swim away. For a few minutes I had a wonderful view from directly above the male, as he swam into full sunlight — a truly beautiful bird. Females appear browner & much heavier than ♀ bufflehead, altho not so much so as scoters. the white patch on side of forehead shows up fairly well at medium range.

Cogswell
1948

Melanitta fusca

Nov. 5 - N. of E. end of Oakland Bay Bridge, Alameda Co., Calif.
14:00-15:00 — at least 5 seen among large flocks of scaups & Surf Scoters. All were in brown plumage; but seen well in flight with white patches showing.

Dec. 18 Tomales Bay, Marin Co., Calif. - Very few compared to the masses of M. perspicillata; ~~altho the first 6 or~~ Soon after our departure from near Hog Id., a small flock of 6± was seen & this was about the situation on several occasions between there & the mouth of the bay. Altho they are decidedly larger than the Surf Scoter, no noticeable difference in sound produced by their wings was apparent.

Oct. 10 Municipal Fishing Pier, Berkeley, Calif.
10:00 A.M. - flock of 9, including 2 adult ♂♂, flew S. overhead at about 100 ft. altitude.
- 1 adult ♂ was on water S. of pier at same time.
10:22 - 6 in ♀ plumage flew N. over pier
10:42 - 2♂♂ & 2♀♀ flew W. out into bay.
- San Pedro Point and Princeton, San Mateo Co., Calif.
an estimated 50-60 in small flocks, most of them flying south parallel to shore. One flock at Princeton contained a fast-flying stocky duck not over 2/3 the size of the scoters. I could see no markings in its gray plumage (=? ♀ bufflehead or ??)

Nov. 5 - N. of E. end of Oakland Bay Bridge, Alameda Co. Calif.
14:00-15:00 — Mixed in with the much larger masses of scaup were an estimated 300-400 scoters (sp?). Almost all the scoters we saw in flight were of this species The water was only very slightly choppy, wind very slight, and many scoters ~~W~~ were unable to get off the water. Not over about 10-15 in full ♂ plumage seen.

Dec. 18 - Tomales Bay, Marin Co., Calif. - Many loose aggregations of 50 to several hundred each + scattered ones were well distributed from near Hog Id. to mouth of bay. Few were seen on the ocean or around the point (Tomales).

Cogswell
1948

Melanitta perspicillata

Dec. 18 - Tomales Bay, Marin Co., Calif. (cont'd.)

Plumage: all degrees of change from immaturity were in evidence among the males, altho the majority were either fully adult with both white nape (which Alamson says is sometimes absent) and forehead or fairly close to ♀ plumage. The distinction in these latter is evident by a general darkening of the whole head to a blackish brown.

Wing sound in flight: Most amazing to me was the distance to which the low whistle produced by the scoters' wings would carry. — sometimes so far that the bird would be settling on the water again before I could determine the direction of the sound. Of course the day was very clear + with relatively little wind, which makes for ideal sound transmission over water. Also, this being the first time I can recall of seeing scoters fly over still water, I concluded the sound is normally kept from my ears by the crashing of surf along the shore.

Oxyura jamaicensis

1948

Nov. 5 N. of E. end of Oakland Bay Bridge, Alameda Co., Calif.
Many (several hundred at least) seen from Eastshore Highway from near Berkeley Pier to base of Bay Bridge (only a few there). None were seen among huge flocks of other diving ducks further out in bay.

1949

June 26. El Estero Park, Monterey, Monterey Co. Calif. 11 ♂♂ & 4 ♀♀ seen on this park pond with bits of tule border & good tule & willow island. The ♂♂ were in brilliant plumage with bills practically luminescent they were so blue. One ♀ was seen rushing at a ♂ with her wings somewhat outspread. At her approach he would dive & reappear 15 - 20 feet away, whereupon she repeated the maneuver (which seemed to be amorous rather than antagonistic). The first time we saw this the ♂ went thru the typical courting display with ~~bill~~ head bobbing & bill dipping into the water when he surfaced — but this was not repeated when she chased him under the succeeding 6 or 7 times, after which he swam away & the affair ended. However, their actions attracted 6 other males from all directions around that arm (N. arm) of the pond. They swam rapidly in toward the ♀; but none approached her closer than 15 ft. & no nuptials display on their part.
[NO YOUNG here, tho mallards had plenty out]

Cogswell
1949

June 26 (cont.) - El Estero Park, Monterey, Calif. - 2 other males were seen resting in mid-pond, accompanied by females. The 4th ♀ swam out of tules at edge of small island & proceeded immediately to preen!

- Small pond just E. Hotel Del Monte, Monterey, Calif. 2 pairs seen from highway N. of pond.

July 13 - 1♂, still in bright plumage, and a ♀ with 6 tiny downy young seen on this pond. The young were diving frequently near the ♀.

Cogswell
1949

Mergus serrator

Jan. 30 - Bolinas ~~Bay~~ Lagoon, Marin Co., Calif. - 2 males in full plumage, with iridescent black parts of plumage, pure white, & with deep reddish-brown on breast & with long, loose crest feathers. One of them was standing on shore at high tide level, and waddled about 15 feet to the water, & swam slowly away when we approached to within about 200 feet of it & across a deep tide channel. I have seldom seen ♂s of this sp. in such beautiful plumage as these.

Apr. 23 - N.W. end Bay Farm Island, Alameda, Alameda Co., Calif. - about 25 on the "mud-flats", swimming and diving occasionally in the water over the flats at early ebb tide about 9 AM. There were at least 8 pairs, with ♂ & ♀ swimming close together, others seen were ♀♀ by themselves or in loose association with the pairs. Low, hoarse "quack" notes were given by some of group of 4 pairs which flew out into bay proper.

Cogswell
1948

Cathartes aura

Dec. 18 · Tomales Bay area, Marin Co., Calif. · at least 21 different individuals seen (we counted progressively, from car, keeping watch that those behind us didn't get recounted) around S. end & over hills NE of bay with 2 of the total circling over Tomales Point. This seems an unusually large number for so far N., along the coast at this season.

Dec. 21 - Caspar Rd., 3.2 mi to 5+ mi. E & 1½ mi. S. of Port Hueneme, Ventura Co., Calif. - 10 or more seen, some of them sitting about on low fence posts or in trees. This is a normal wintering area apparently, for I've seen the species here on every winter visit if I remember right — & that includes one in Nov., & 2 or 3 in January of different years.

Dec. 29 · 1 mi. S. Arroyo Grande, San Luis Obispo Co., Calif. - 2 flew over farmland area at low altitude.

Dec. 30 - Los Osos Valley, E of Morro Bay, San Luis Obispo Co., Calif. - 4 seen

- Morro Bay, S.L.O. Co., Calif. - 5 seen, 2 of them soaring over ocean beach & dunes, 2 of them down on ground along tide channel in salicornia marsh.

The above records indicate widespread wintering (or near-wintering) of this species coastally.

Cogswell
1949

Cathartes aura

Nov. 6 - 2 mi. S Alvarado, Alameda Co., Calif.

In the dry field N. of route 17 here there were a few live cows and apparently 1+ dead one near the far side of the field —— for 18+ vultures were closely packed there, obviously pecking at a carcass I could not quite see. 6 other vultures were setting on fence posts in the vicinity.

Cogswell
1950

Gymnogyps californianus

Jan. 30 : 2 mi. N Lebec, 3400 ft. Kern Co. Calif. at 4:40 p.m. as we drove north along US highway 99 a condor appeared over the hill to the east. When first seen by my wife, Bessie Cogswell, it was sailing straight toward us; but by the time I got the car stopped & was out of it, the condor was beginning to veer in a wide circle high above Castaic Valley (in which the highway runs). During the next few minutes it flapped its wings 3 and 4 strokes in succession, & after a short sail, repeated this several times — obviously trying to gain altitude and still progress to the southwestward. The flaps were of considerable ~~altitude~~ amplitude & at an estimated rate of about 1 every second or slightly faster. The sky was over half overcast & There was a strong (westerly?) wind flowing through the valley — sufficient to cause the car to swerve a bit as we drove along the highway.

Thru 9x binoculars the white wing patches of the condor were plainly visible. After the series of flappings it neared the edge of a low cloud and began to soar in narrower circles, with its head drooping below the axis of its body. It was farther away by this time, toward Frazier Mtn., and we ceased watching it.

Cogswell

1948

Elanus leucurus

Nov. 21 - Approx. 2 mi. N Kelseyville, Lake Co., Calif.
1 perched in top of small willow (?) in field among extensive pear (or walnut) orchards. Bessie Cogswell first picked it out, and both Richard Taber & I looked it over with 9x binoculars (from the car). We were close enough to note gray mantle and black shoulder patch.
(Nov. 26) - I find no specific mention of this species in Pac. Coast Avifauna # 27 for Lake Co, but northwesternmost limit as far beyond here (in Humboldt Co.). We saw a pair of kites near Upper Lake on Dec 13, 1945 as well. They are probably regular in Clear Lake valley.

Dec. 21 - along Caspar Rd, 1 mi N. to 3 mi N.W. of Laguna Mugu, Ventura Co., Calif. - 5 seen from road in about 1½ miles, including an obvious pair. This area has had kites steadily common for the last several (4+) years at least.

- W. of Ramera Canyon, E base of Dume Pt., western Los Angeles Co., Calif. - a pair hovering over slopes (old marine terraces) just N. of coast highway US-101 alternate. I also have prior records here during last year or so.

1949

Jan. 29 - 1½ mi. E. of Alviso, Santa Clara Co., Calif. one

Cogswell
1949

Elanus leucurus

Jan. 29 (cont.) hovering repeatedly over open grassy field near KQW transmitters, while another was perched in top of leafless orchard tree on far side of field. Miss Emely Smith of Los Gatos, who was present, says that 2 pair are found regularly in this area. The hovering bird bore no colored bands at least — & I believe no bands at all.

June 19 - Fort Ord, Monterey Co., Calif. - a pair were hovering over weedy fields along highway #1 between main & So. Gates of the Mil. Reservation — about 4:00 P.M.

1950

Apr. 4 near sea-level, 1 3/4 mi. NE Castroville, Monterey Co., Calif. 1 perched on a willow along Moro Cojo Slough just N of state highway 156. Fields nearby are partly cultivated & partly grazed.

Cogswell
1949

Accipiter cooperi

Mar. 5 · Wildcat Canyon, 3/4 mi. E of Spruce St. entrance to Tilden Regional Park, Contra Costa Co., Calif.

· A sharp squeaky "skeer" or "skeek" repeated 3 or 4 times from brushy hillside (I'm quite sure from a Cooper's Hawk) was followed immediately by calling (chi-ca-go) of several quail in the vicinity.

A Cooper's Hawk was seen by several of us in the Zoology 125 class a short while before this, as it glided thru the oaks on a small ridge E of the main canyon.

In the P.M. one was seen soaring over the vegetational analysis study area (open grassland to bits of riparian & oak woodland). This bird had a large gap in the middle of the right wing.

Cogswell
1948

Buteo jamaicensis

Oct. 16 2 mi. S. of Napa, Napa Co., Calif.

3 flew over hiway (route 29) together and soon began a series of swoops and dives, sometimes coming to below fence-post level over pastureland nearby. Apparently one of the birds was an interloper and at least one of the others was doing its best to drive it off.

Oct. 24 - San Pablo Reservoir, Contra Costa Co., Calif.

3 gathered from high over the ridge to the N.E. of the lake to dive on an immature golden eagle which was soaring at a considerably lower altitude. They made at least a dozen rushes at it, but each time the eagle would deviate slightly from its steady glide, throw up its wings, and the red-tail would swerve at the same time.

Pinole Valley & vicinity, Contra Costa Co., Calif.

More red-tails over adjacent hills and fields than I have ever seen in such a limited space, I believe. They soared in 2's to 5's, high & low, and several were seen perched low on fence posts, on power-line towers, and in trees (one in shade tree in barnyard). Both adults and immatures noted among those seen close-up. Estimated total of 18 birds seen.

Cogswell

1949

Buteo jamaicensis

Apr. 24 Arroyo Mocho Road NE of Mt. Hamilton, Santa Clara Co., Calif. - 1 ad. flew from Digger Pine tree containing large nest about 60 ft. up. This was one of several Digger pines along small valley in otherwise chaparral-covered area.

Cogswell

1948

Buteo lineatus

Dec. 21 4 mi. E, 1½ mi. S Port Hueneme, Ventura Co. Calif.
1 adult flew from trees along Caspar Rd just E of Ventura Co. Game Preserve's barns, affording me a good view of its rich reddish "shoulders" & black & white primaries & secondaries in the instant before it disappeared around the buildings going toward a few trees out at edge of shooting ponds. I do not recall having seen this species in the Mugu area before.

Cogswell
1948

Buteo swainsoni

Oct. 16 - 2 mi south of Yountville, Napa Co., Calif.
1 in light phase plumage soaring over orchards and fields just w. of hiway 29 and close enough so that I could see the light, unmarked area under leading 1/3 of wing.

Cogswell
1949

Buteo regalis

Dec. 11. 4 mi. SE Gustine, Merced Co., Calif.

Two individuals, both in light phase, were soaring at a height of 250-300 ft. over fields & marshes of SE part of Gustine Land & Cattle Co. (Club 14) land. One of them came close enough to us so that we saw the dark shank feathers of the adult, and the double row of dark spots on the (tips?) of the underwing coverts — the rest of the under-wing surface being almost entirely white. The base of the tail in both birds was white, gradually become ~~sl~~ darker until the indistinct terminal ~~b~~ band was definitely brown. They both showed white "flashes" at the base of the primaries also. In comparison with the many red-tails seen today, the rough-legs also had a noticeably longer tail & relatively narrower (longer?) wings.

Cogswell
1948

Aquila chrysaetos

Oct. 24 - San Pablo Reservoir, Contra Costa Co., Calif.
An immature with broad white base of tail was first noticed over hills NE of lake (NW end) when it soared up sharply to avoid a red-tailed hawk which had swooped down toward it. The eagle was in sight for at least 15 minutes. See acct. of conflict under Buteo jamaicensis.

Dec. 29 - 3½ mi. N, 2 mi E of Santa Ynez Peak, in Santa Ynez Valley, Santa Barbara Co., Calif. A pair were soaring low over the river valley here, seemingly hunting along the bed or adjacent riparian growth.

1949

Feb. 5 - Mt. Diablo, Contra Costa Co., Calif. - 2 were soaring in small diameter, upward spirals almost over the peak (snow covered). They were veering occasionally as they came close to one another, as tho in preliminary courting actions(?). One was an immature with very prominent white wing patches & white base of tail, the other an adult with no ~~apparent~~ white apparent from 2 miles to the NE from where we were watching with binoculars. A 3rd bird, also an immature but less prominently marked, glided over us & on toward the peak (to join the other two?).

Aquila chrysaëtos

Feb. 22 - 12 mi. SE of Livermore, Alameda Co., Calif.
A single eagle, in adult (golden-headed) plumage was "playing" on the breeze over the ridge E of Arroyo Mocho. He would soar up to a considerable height, fold his wings so that the tips were in by the body + only the wrist area extended laterally, and then plummet downward several hundred feet —only to swerve up again for a repeat process. Sometimes he flapped about 12-15 rapid strokes toward the end of the up-glide. The weather was threatening, with dark clouds high over Mt. Hamilton to the south, + these same cloud banks being rift in several places over the area here, probably creating excellent up-drafts. This is the closest thing to real play I have ever seen in a hawk flying alone.

- approx. 8 mi. along hi-way US 50, NNE of Livermore
2 eagles in adult plumage soaring low over the hillsides, now showing green thru the brown. These were within 1 mile of each other, both obviously foraging.

Dec. 11 - 4 mi. SE Gustine, Merced Co., Calif. - an eagle sailed + flapped at a low altitude over duck

Cogswell 1949 *Aquila chrysaëtos* 3

Dec. 11 - 4 mi. SE Gustine, Merced Co., Calif. (cont'd)

ponds + fields along E. border of the Gustine Land + Cattle Co. lands (Club 14) here. It finally put down its feet, showing very long feathers hanging from its legs (below the "heel"?), and alighted on the ground across a large pond from us. When we got out of the car, it took off again, (flew far off to the S. of us), showing light color (white?? or golden?) about the head and much whitish irregularly distributed over the whole under wing surface, especially noticeable on the under wing coverts.

This last character is so "Bald Eagle"-like that I thought it likely was that species. However, Dr. Miller called attention to the long leg feathers, expressing the idea that the Bald Eagle would not show such long ones. The light color at the head was not seen under light conditions good enough to determine it for sure. There was no obvious white at the base of the tail nor in the base of the primaries, such as a young Golden would show.

[Specimens checked in MVZ — Goldens have much more length on leg coverts, but Bald still shows some loose feather below the heel. Underwing coverts not properly visible in most dried skins, but some Goldens apparently are much paler than others there. Immature Balds tend to be paler + more mottled above than this bird was].

Cogswell
1948

Circus cyaneus

Nov. 21 Upper Mahnke Ranch, 3300', 7 mi. S & 1+ mi W Kelseyville, Lake Co., Calif. A single bird in immature (rich reddish brown breast) plumage flew south-south-westward over chaparral slopes above ranch house area. It circled a few times, but maintained an altitude of approximately 300 feet & passed on out of sight —— apparently migrating.

1949

Mar. 19 8+ mi. SW of Fairfield (along Hwy. 40), Solano Co., Calif. 1 in ♀ plumage passed over highway at height of 60-70 ft. & went up over oak-grassland hillside.

Cogswell
1948

Falco peregrinus

Dec. 21. 4 mi. E, 1½ mi. S. of Port Hueneme, Ventura Co. Calif. 1 in full adult plumage was perched in dead top of eucalyptus tree along Caspar Road. A turkey vulture was perched nearby in another tree top; & when it ~~took~~ off it sailed close by the duck hawk, which then flew — but without either bird making any overt act toward the other.

Cogswell
1949

Falco columbarius

Nov. 6 - 1¼ mi. W, ½ mi. N Newark, Alameda Co., Calif.

An immature-plumaged bird sat on a 3-5" chunk of dried cow dung in a dry pasture along the road here as we drove by, backed up & looked at it. Thru 9x binoculars its light superciliary and light nuchal areas were easily seen, & there were also two rows of rich brown edges (of scapulars?) prominent, in a V, against the dusky brown of its general plumage as it faced away from us. As I got out of the car it turned around, & I noted the dusky streaks of the under-parts, and as it flew presently, the banded tail which had been covered by wing tips in the perched bird.

It alighted on another clod further down the pasture, but soon flew again to a fence post along the RR tracks between the pasture and Leslie Salt Co's salt ponds. Large flocks of blackbirds were flying about nearby farms — the only probable bird concentration attractive to this hawk which I noted at this point except some few pipits. But it chased nothing while we watched.

This is the same location at which we see Burrowing Owls regularly.

Dec. 11. 3½ mi. SE Gustine, Merced Co., Calif.

1 ad. seen at minimum range of 40 ft., as it perched on 1 fence post after another while it attempted to eat a Least Sandpiper (leg retrieved by me).

Cogswell

1948

Lophortyx californica

Nov. 21 Lower Mahnke Ranch, 4 3/4 mi. S & 1 mi. W Kelseyville, Lake Co., Calif. 2 large coveys, totalling about 100 birds flushed from low chaparral (chiefly adenostoma) on ridge behind house & barn. This was far more quail than were present at Upper Ranch to miles to the south. The proximity to more abundant grassland may be a factor.

Dec. 5 Near Jewell Lake, Tilden Park, Contra Costa Co., NE of Berkeley, Calif. One covey of 13 (by my count, the other observers differed) fed in open grassy & weedy areas along road S.E. of pond despite our standing in plain sight to watch them, perhaps 100 feet away. Dr. A.H. Miller remarked that quail seem often to be thus less wild on rainy or cloudy days than on clear days. Perhaps it is some sort of different response, dependent upon whether their shadow is evident to them or not; i.e., the flight reaction would perhaps be set off at a lower threshold if the shadow were present.

Another covey of 17 also seen under young eucalyptus along road near picnic tables.

1949

Mar. 5 - Tilden Regional Park, Contra Costa Co. Calif. [see note under Accipiter cooperi]

Cogswell
1949

Lophortyx californica

May 7 - San Joaquin Experimental Range, alt. 1000', SSW of O'Neals, Madera Co., Calif. The quail pairs are thicker here than any place I remember, although total population may not be above that in residential San Marino in 1943. At three places this morning I noted 2 pairs feeding amicably within 20 ft. of each other, or the ♂ of 1 pair simply watching without making any hostile move or giving any call. The ♂♂ here use boulders and fence posts as lookouts and are staying very close to the ♀♀; as soon as she moves they fly or run close to her, either on another lookout or on the ground. An est. of 15 prs. was made for the area in small, flattish draw just E. of headquarters and the 1st hill to south.

Cogswell
1948

Phasianus colchicus

Dec. 21 - 3 mi. E, 1½ mi. S of Port Hueneme, Ventura Co., Calif. - cock heard crowing once, though it was an odd crow: instead of the usual 2 notes there were at least 4 or 5, but still of the normal, full voice quality. The call came from a wide field with tall weeds + a few scattered willow trees along lowland ditch about 1 mi. from the ocean.

1949

Mar. 20 - Gray Lodge Refuge, S.W. Butte Co., Calif. - of the total number seen here today (est. at 500) over half were flushed from the tall weeds of fields to SE and E of refuge headquarters as about 18 of us engaged in a "drive" to flush all birds there in order to check for tagged ♀♀ which were let out here a few days ago. I was surprised to see that after being driven some distance on the ground, + perhaps flushed once or twice, several took high flights about 50' up + well over all the drivers' heads. Some of the single flights observed were easily over ⅓ mile long.

- N.E. Colusa Co., + N. Yolo Co., Sacramento Valley, Calif. - see Journal

Cogswell
1949

Grus ~~americana~~ canadensis

Dec. 4 — near Gray Lodge Refuge, S.W. Butte Co., Calif.

About 1 p.m. a flock of 30 cranes flew over the south part of the refuge, calling loudly, repeatedly — a rattled but resonant "t-t-t-t-t-t-tt-t-tt-trooo". They sailed down toward the bare fields south of the refuge and apparently landed there.

About 4:20-4:30 p.m., as we drove along the West Butte Road just NW of the Marysville Buttes, a flock of about 230 cranes was observed — some of them walking along the ground (short stubble field), others flying low over a knoll to another part of the flock. The gangly gait described for cranes in the literature was evident here, & noticeable to me on this (my) first good view of a crane on the ground. At least 8 of the flock which was observed at the closest range were definitely smaller — about 1 ft. lower in over all height and therefore undoubtedly of the subspecies G. c. tabida.

1950

Jan. 22 (mid p.m.) — ∠5 ft., 9 mi. W, 3 mi. S Lodi, San Joaquin Co., Calif.

A flock of about 800 (± 50) were in corn stubble and low pasture fields just N of the White's Slough riparian woodland here. All the close ones appeared ~~to~~ be of about a size — and all large (G. c. canadensis?). Many were in full gray adult plumage, only a few with ~~much~~ brown

Cogswell
1948

Rallus longirostris

Oct. 31 - Bay Farm Id., Alameda, Alameda Co., Calif.

One rounded a pile of 3 logs in salicornia marsh along NE. side of Island Road, and skulked along from one patch of vegetation to another not over 50 ft. from us for a few moments. Dr. Miller squeaked slightly and it hurried around to far side of logs from us and out into salicornia there. Five of us then set out to flush it; but despite the fact that we tramped all the way across the salicornia area (a distance here of about 150 ft.) twice in a fanned-out formation, we did not see the bird again.

Cogswell
1948

Porzana carolina

Dec. 5 - Jewell L., Tilden Park, Contra Costa Co., NE of Berkeley, Calif. One seen feeding in narrow, open, muddy area at edge of cat-tails by old boat (from which others have recently watched both this sp. and R. limicola). Another (or same one) seen at a full 10 feet from cat-tails at S. end (inlet) of pond, where it foraged near the Wilson's Snipe. It soon went back into the cat-tails however, leaving the snipe out there alone.

Cogswell
1949

Gallinula chloropus

Feb. 5 - 3 to 4 mi. E of Woodland, Yolo Co., Calif. - an adult (with red bill, at least) seen first on the shoulder of the highway (which is here on top of a rather high dike). When we backed up to a point opposite it, the bird ran down the bank, thru the edge (only!) of a patch of cat-tails in the deep ditch & up the other side of the ditch, where it skulked along still in the open despite the nearby cat-tail patch easily large enough to hide a dozen gallinules. Strange behavior for a bird usually so secretive. No body of water nearby here, either.

Dec. 11 - Gustine Land & Cattle Co. (Club 14), S.E. of Gustine, Merced Co., Calif. The number of this species seen here is quite amazing — for a bird formerly listed as "rare in winter." I estimate that we saw at least 30 during the a.m. — all of them running or swimming toward or near tall cat-tails & tules bordering ~~...~~ water-filled ditches. As many as 3 were in sight at a time; most of those seen had bills of dusky or only slightly reddish color — but one was in full adult color (bright red with yellow tip).

Cogswell
1949

Charadrius hiaticula

Apr. 23 - N.W. end of Bay Farm Id., Alameda, Alameda Co., Calif. - Of some 300 or more well scattered on the higher & firmer parts of the mud-flat here, a great many are in full nuptial plumage with black breast & head markings & bright orange feet and basal part of bill. These birds show antagonism toward any other plovers coming near; & several, when once excited thus, set up calling a series of:

"yip --- yip ---- yip --- yip ---" etc. , or halfway between that and:

"whŭp --- whŭp --- whŭp --- whŭp".

Occasionally this would be speeded up into a shrill trill:

yip yip yip yipipipipipipipip.!

All of these notes are given by birds with heads lowered, facing any bird coming near. A few rushes ~~at~~ toward the oncoming bird were noted, and once a nuptial-plumaged bird rushed a dull-plumaged (= imm.?) bird without apparent provocation.

[at home: I note that Hoffman, p. 100 describes this behavior & describes the note as "chii" repeated & "ending with a whinny"].

1949 Cogswell

June 26

Charadrius alexandrinus

→ 2/3 mi. S. mouth of Salinas River, Monterey Co., Calif.

On the landward side of the dunes separating an ~~[illegible]~~ salt-water lagoon from the ocean here, there is an area about 200 × 300 ft. which is flatter than most of the dunes & relatively harder packed sand, with the hummocks covered with beach grasses and/or ________. A pair of birds of this species centered their activities in about a 100 × 150 ft. portion of this area, including a short stretch of ~~mud flat~~ muddy shore of the lagoon. After watching the adults fly & return to the same section several times, we finally spotted 1 downy young high-tailing it away from us. The ads. followed; but when we did also, the young was nowhere to be found.

The ♂ bird had definitely blacker head & breast markings than the ♀ [sexes assumed thereby] altho not noticeably so at a distance.

Both adults gave an occasional low, muffled "krit" or "quit" call note as they flew over or near us. [This apparently corresponds to the "krrr" reported by Hoffman, 1927]

– Mouth of Salinas River, Monterey Co., Calif.

1 adult flushed by 2 dogs from sandy shore of river, here a brackish lagoon blocked off from ocean by ~~dunes~~ sand-bar. It gave a slightly different, doubled note, perhaps = to Hoffman's "tee-teet".

Cogswell
1948

Charadrius vociferus. 1

Nov. 7 - 4 mi. W.S.W. of Palo Alto, San Mateo Co., Calif.
4 flushed (in pairs) from dry grazed hillside between San Francisquito Creek (-now dry here) and Sandhill Road. They apparently foraged only in small area where considerable bare ground showed due to local over-grazing.

1949

Mar. 20 - Gray Lodge Refuge, S.W. Butte Co., Calif. - at least 4 nests with eggs were found by our group while hiking along gravelled roads in central part of refuge. ~~One~~ Two had 4 eggs, 1 only 1 egg (which was warm, however) and the other I failed to count. All the nests were mere hollows in the gravel either right in, or just at the edge of one of the "tracks" in the roadway. All the adult birds which were seen were strangely silent for our being so near their nests — perhaps because of the size of the invading group? Photo taken of 1st nest found.

Apr. 23 - N.W. end of Bay Farm Id., Alameda, Alameda Co., Calif.
A pair here, on the "mussel-filled" area near ~~all~~ east limits of Alameda city, were very vociferous when a group of 12 or so invaded what is probably their nesting grounds.— in contrast to the above.

1948

Eupoda montana

Dec. 20 – 19 mi. S. Mendota, Fresno Co., Calif.

A flock estimated at well over 100 was scattered over the barren flats west of highway 33. They are so pale brown that they just about match the bare earth and are extremely difficult to see until the run a few steps.— which they do every few minutes or less. A few of them flew away from the road as we stopped, but the whole flock was not alarmed. They were silent during the few minutes we watched.

– 21 mi. S. Mendota, Fresno Co., Calif.

An even larger flock (150+) on similar terrain here stretched away as far as I could pick them out with 9x binoculars. Each bird averaged a good 70–100 ft. from another. A smaller number of horned larks were also feeding in the same area.

What these birds find to eat here I can't see, altho I suppose there are small insects. We found a dead millipede by the roadside at the last locality — nothing at all here. The only vegetation is an extremely scanty (small fraction of 1%) growth of dried up herbs.

Cogswell

1948

Arenaria melanocephala

Dec. 15 - Moss Beach, San Mateo Co., California

2:10 P.M. — A flock of about 20 foraged actively along sea-weed covered rocks at water's edge. Tide was, ebbing, about ½-way out.

1948 Capella gallinago 1

Oct. 31 - W. end of Bay Farm Id., Alameda, Alameda Co., Calif. -- (16:00 ff.) 2 were flushed repeatedly from area of scattered salicornia clumps and muddy pools of what must be nearly completely salt water. They flew at approx. up to about 30 - 50 ft., usually in quite direct line for snipe, & called "scaype" frequently. Many hunters were around; but the snipe once dropped to ground very close to 2 men with guns who were walking along dike.

See next page

Cogswell
1948

Capella gallinago

Nov. 27 - Jewell Lake, Tilden Park, Contra Costa Co. NE of Berkeley, Calif. Two were feeding (probing) in the open on a muddy point near old boat on west shore. They were unaware or unconcerned of our prescence some 200 feet away on open N. end of lake.

Dec. 5 One was probing in wider muddy area at inlet (South) end of pond. It was feeding thus in the open when we went by on the E shore and still there when we came back by some 20-30 min. later. It was just as unconcerned as those on Nov. 27.

1949

Jan. 30 - 1/4 mi from Muir Beach, along Highway #1, Marin Co., Calif. - A group of 15+ were feeding in very wet pasture. They sunk their bills into the mud by a series of short rapid thrusts — as tho they had to work their way between the grass roots. The dark bars on the flanks showed much more conspicuously below the folded wing than indicated in Peterson's new "Eastern Guide".

Cogswell

1948

Numenius americanus

Nov. 7 - 2 mi. S, 1 mi. E of Alvarado, Alameda Co., Calif.
4 foraging like chickens in dry stubble field which had been pastured. Nearest mud-flats perhaps a mile, probably somewhat more to the westward.

Cogswell
1949

Totanus flavipes

Dec. 11 - 90 ft., 3½ mi. SE Gustine, Merced Co., Calif.

3 ~~came~~ alighted among a flock of Red-backed Sandpipers, & Dowitchers which were feeding in the shallow water at the edge of a duck pond here. They were spaced out about 20 - 40 ft. from each other, foraged for only a minute or two, and then the 3 of them took off again (without the rest of the shorebirds being disturbed) while they were in view in the water ~~&~~ we were afforded good views of their size (body very nearly equal to the Dowitchers) and smallness of bill (decidedly thinner & shorter than that of Greater Yellow-legs, which was just across the corner of the pond at the time).

gswell
1949

Catoptrophorus semipalmatus 1

June 29. Pacific Grove, Monterey Co., Calif.
2 standing on rocks along shore of Monterey Bay w. of Cabrillo Pt. at 5:40 P.M. What were probably the same birds were seen by Bessie & Denis Cogswell at about 4:00 P.M. in the same location. The plumage was a mixture of breeding & winter ones:
head — dark brown above (apparently finely streaked)
neck & throat — lighter, streaks coarser
underparts — barred irregularly along sides, center of breast & belly with no evident bars.
back — grayish (apparently smooth)
upper wing coverts — brown (in folded wing)
flight feathers — black & white, as usual.
The birds were studied at a range of about 50 ft. with 9x binoculars; 1 bird opened a wing briefly.

Cogswell

1948

Erolia minutilla

Oct. 31 - Bay Farm Id., Alameda, Alameda Co., Calif. (see entry under *Erolia alpina*, regarding zone of foraging).

Dec. 30 - Beach opposite South end of Morro Bay, San Luis Obispo Co., Calif. - a single flock estimated to contain 150 individuals (all checked for being this sp. & not *E. mauri*) seems rather unusual a number for a pure sandy beach. [See, by contrast *Ereunetes mauri*.]

1949

Feb. 13 - Greenbrae, Marin Co., Calif. - a flock of about 250 (plus 1 *Ereunetes mauri*) were standing on the ice of a shallow water area (presumably fresh water) at the edge of the marsh along road toward Ross. Some of them moved about on the ice, a few slipping and recovering position by rapid wing fluttering. Others came in to join the flock while we watched. Tide high in nearby bay at this time.

Apr. 23 - N.W. end of Bay Farm Id., Alameda, Alameda Co., Calif. - Surprisingly few, even around the usually favored fringes of the Salicornia. Only 2 seen at such edge going out from Island Rd. to mud flat; & diligent search among hordes of *E. mauri* there revealed NONE.

1948

Erolia alpina

Oct. 31 - Bay Farm Isl., Alameda, Alameda Co., Calif.
14:30 - 15:10 — As 8 of us stood on sandy point just E. of board-walk to bay (San Leandro) shore from Doolittle Drive (E. of bridge from Alameda) a great flight of shorebirds, mostly peeps, moved up the bay toward feeding grounds at west of us now being uncovered by tide. Red-backs seem to be about the commonest species. Flock after flock swept past us, sometimes solely red-backs, but often with smaller admixture of Western & Least Sandpipers. A guess of at least 4000 red-backs does not seem too wild, as several flocks definitely estimated at 500 - 800 each were seen.

When mixed flocks of peeps finally settled to feed near us, a definite zoning of sizes was evident, tho with some overlaps:-

red-backed — in water or on edge of mud just exposed.

western — at edge of water or on very wet mud.

least — almost entirely above water-line, and usually on mud already starting to dry a little.

Nov. 7 - Dumbarton Bridge (E. approach), Alameda Co., Calif.
This species by far the commonest shorebird along roadway — many hundred seen.

Cogswell

1948

Erolia alpina

Nov. 25 E. shore San Francisco Bay, S.E. part of Richmond, Contra Costa Co., to Fleming Point, Alameda Co.:
This species by far the commonest shore-bird here. Total numbers on mud-flats visible from main highway were estimated at 6200 (compared to somewhat less than 4000 Leasts & somewhat more than 4000 Westerns).

1949

Apr. 22 - same locality: - relatively few now; those seen (5+) during 15 min. drive along highway all showed some black on belly.

Apr. 23 - N.W. end Bay Farm Id., Alameda Co., Calif. - relatively few here too; all seen had black, or at least blackish, on belly & some show red back also.

Cogswell
1948

Ereunetes mauri

Oct. 31. - Bay Farm Id., Alameda, Alameda Co., Calif.
(See entry under Erolia alpina, regarding foraging).

Dec. 30 - Beach opposite S. end of Morro Bay, San Luis Obispo Co., Calif. — only 2 individuals in ½ hour's walk up the beach, & there were fully 150 Least Sandpipers nearby — a reverse of the usual ratio of these two species on a sandy beach.

1949

Apr. 22 - Base of Pt. Isabel to N. end of Golden Gate Fields racetrack, Contra Costa & Alameda Cos., Calif. Massed flocks, far outnumber all other shorebirds. Estimated 20,000 + near highway at high tide. Most are showing rusty on head & back; a few still rather gray.

Apr. 23 - N.W. end of Bay Farm Id., Alameda Co., Calif. — altho outnumbered by Dowitchers along Doolittle Drive at ebb tide, this species is by far the most common on the broad flats NW of Island Rd. & Maitland Drive now at noon (nearing low tide). I estimate 1 bird every 2 square yards of exposed mud — and they are so scattered all across to the dike along edge toward S.F. Bay proper. Some of the distant specks, of course, may be E. minutilla or E. alpina; but certainly most are this species. Only a few were seen in the up-turned tail threatening actions noted in late spring. Some still show grayish cast to upperparts.
[From map area of this region, my est. of nos. here would be 374,400 !!! birds — perhaps too high].

1949 Cogswell

Recurvirostra americana

1

June 26 - Lagoon just (1/3 - 2/3 mi.) S. mouth of Salinas River, Monterey Co., Calif. A breeding colony of about 100 adults here. The non-tidal lagoon is bordered on the N + NE by sparse, low Salicornia flats in which Forster's Terns are nesting + where the avocets probably did. 1 pair of avocets seen herding two small, but already "recurved-billed" young ones on the water; and 3 other young about 1/3 to 1/2-grown were seen.

Phalaropus fulicarius

Cogswell
1949

May 21 - Dumbarton Bridge, Alameda Co., Calif.
A flock of 21 were on the salt pond just N. of the road and closest to the open bay at about 10:15 a.m. They were feeding by jabs here + ~~there~~ at the surface — without whirling. The whole flock flew a short distance + re-commenced feeding, meanwhile swimming rapidly back toward their original position. At this time I had the closest view of them:
- about ½ had the whole back smooth "gull gray" the other ½ had some of it smooth gray + some (especially nearest the bend of the wing + on the scapulars) dusky
- hind-neck of some at least was narrowly blackish (much darker than Peterson's plate indicates)
- top of head dusky to blackish also line thru eye
- forehead white
- bill shorter + stouter than "needle-like" but no yellow base noted.

Cogswell
1949

Larus occidentalis

1

July 17. Pt. Lobos, Monterey Co. Calif. - many 2/3 & 3/4 grown young roaming about the upper slopes of the nearer bird islands off the south shore of the peninsula. Several of them pecked at the bills of adult gulls near them, but I saw none actually being fed. The short tail of even the 3/4 grown ones gives them a dumpy appearance. The general tone of their plumage is decidedly darker, especially about the head & breast, than that of the "immature" (probably 1 yr. old) gulls now frequenting Monterey Bay. Several of the juvenile gulls here today were trying their wings, but none were seen to fly.

Cogswell
1948

Larus californicus

Nov. 3. University of Calif., Berkeley, Alameda Co., Calif.:
17:45 – During sunny period after the rains of yesterday and this morning there must have been a crop of insects of some kind come out on the lawns. About 8 gulls of this species were walking rapidly across the steep lawn N. of West Entrance and making sudden lunges to one side or the other after the insects (?) in the grass.

Nov. 4 – 07:50 – A similar group foraging similarly just inside West Entrance.

[The attraction for these birds later found to be probably earthworms].

Cogswell
1949

Larus canus

Jan. 30. Bolinas ~~Bay~~ Lagoon, Marin Co., Calif. - very common here today — fully 1/3 of all the gulls resting on the N. shore were this sp. — an estimated total of 300-400 Short-billed.

Cogswell
1948

Larus philadelphia

Nov. 7 Dumbarton Bridge (E. approach), Alameda Co., Calif.
almost the only species of gull present. Several score, if not hundred, noted as we drove. The change in population being contrasted sharply with September

Cogswell

1948

Larus heermanni

Oct. 10 · San Pedro Point and Princeton, San Mateo Co., Calif. all birds of this species seen today (20± total) were in the smooth gray, dark-headed plumage (= 2nd year birds?).

1949

June 26 · Pescadero Point, Monterey Co., Calif. - many (100+) flying W + N around point in early AM., all those seen being in full ad. plumage; as most of the few seen last week at Pacific Grove have been.

1948 Larus pipixcan

Dec 27 - Recreation Gun Club, Venice, Los Angeles Co., Calif.
A small gull, slightly larger than Bonaparte's and smaller than Short-billed, was squatting on bare ground at outer lagoon by Ohio Oil Co. entrance off Washington Blvd. It showed a smooth brown upper wing surface (coverts), blackish brown primaries, light gray back, white breast and neck, white head with dark collar over hind part of crown extending to & becoming really black in area just back of eye. There were prominent white crescents (white feathers) on both eye-lids. Bill dusky, with only a slight downward curve at tip.

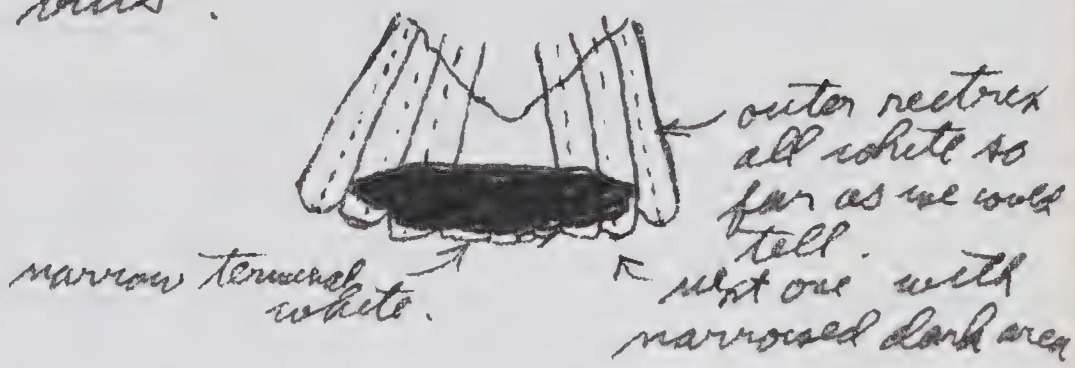
At first I thought it might be another Laughing Gull, (1 of which we saw in So Calif. in 1946) but it seemed much whiter — and I find that it fits the description of an immature Franklin's very close, but that no mention is made of the smooth, even brown of the wing coverts.

I got out of the car & walked slowly toward the flock of gulls there (which contained many Bonapartes & fewer of Short-billed, Ring-billed, Calif's., & Western) until they flew. The Franklin's took off, showing a white tail basally & laterally, with dusky sub-terminal band shaped

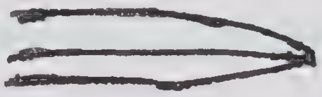
1948

Larus pipixcan

Dec. 27 (cont.) - about thus:



After the bird circled around & into good light where we could see that it was pure white all over the underparts, and together with more white on the tail, I knew it was not a Laughing Gull for sure. Eventually it landed again on a dike by the old Ballona Creek channel, and Ralph Mall stayed to watch it while I went & got Mrs. O. M. Stultz, of 2594 S. Durfee Ave., El Monte, who came up from 2 miles away to see it. It was still on the dike & we all checked it over again thoroughly. The bill seems shaped about thus:



Upon flushing it again, we noted its dull reddish-dusky legs & feet, & that the right leg hung down at about a 45° angle throughout its flight, which explains its always resting on its belly when on the ground. This time we approached to within about 30 feet of it before it flew.

Sterna forsteri

June 26 - Lagoon just S. (1/3 - 2/3 mi.) of mouth of Salinas River, Monterey Co. Calif. A nesting colony of an estimated 125 pairs — as judged from 250± adults in air screaming at me while I was there. The site is on three small points on the N. shore of the lagoon which is cut off from the ocean by low dunes and from the river by about 1/3 mile of hay-fields and dune-shrubland. The points are dotted with low, scattered Salicornia (which is denser at greater distance from the water). I only investigated one of the 3 points closely, & found such calamity there that I left without completely censusing it. In a space of about 100 x 100 feet, however, I noted 25 or more nests, varying in contents from 0 to 1 to 2 to 3 eggs — & several with dead young in or near them. At least 10 dead young were seen, from tiny downy ones up to one with back feathers fairly well out & primaries ~~breaking~~ about to break thru sheaths. None were seen to be eaten or mangled, though 1 addled egg was broken into. One tiny young, still alive, huddled in Salicornia at edge of a nest; and 1 large young swam the cove between the 2 points & disappeared among the Salicornia bushes. No reason other than the accessibility of the site to ~~pedestr~~ disturbance by human prowlers would seem to account for the situation as is.

Call notes given by the terns were as follows:

1. "tick .... tick, tick" (irregularly repeated)
2. "keargh" or "waugh". (scolding note,

Sterna forsteri

June 26 (cont.) " - - mouth of Salinas River, Monterey Co., Calif.

(given both when I was far off & within colony)

3. - a nasal "ga-a-a-ngh" — perhaps a modification of ~~the~~ #2. (given also as, scolding or as an alarm note)

4. "keek - keer - keer - keer. keer" or preceded by shorter "tir" - - - - } (given by single birds flying in toward me from a distance, but not while I was in the nesting area; significance ?).

Cogswell

1948

Sterna hirundo

Oct. 10. Princeton, San Mateo Co., Calif.

Observed an immature (either this sp. or Sterna paradisea) at close range as it flew up and down and dove just beyond lines extending from fishing poles along the pier. Blackish nape and side of head, dusky primaries from above, dark brown leading edge of wing to beyond bend, and even the dark outer web of outer rectrices were all noted; the bill was reddish at base and seemed too heavy for paradisea; rump + most of tail pure white.

Copswell

1948

Thalasseus maximus

Dec. 30: ocean Beach opposite S. end of Morro Bay, San Luis Obispo Co., Calif. - 1 flew up and down over the breakers in front of me for some time. I had many excellent views of it with 9x binoculars, noting fairly heavy red bill, narrow border of black on anterior edge (only) of wing-tip, forked tail, shaggy hind crest on nape.

Cogswell
1949

Columba fasciata

Feb. 6 - 4 to 6± miles S of Marysville, Yuba Co. Calif.
Flocks of 10 to 50 each, totalling an estimated 150 birds, flew over in early AM — all headed westward toward the Feather River. Mr. Ralph Baker, prof. of Botany at Yuba City Jr. College, whom we saw in Marysville, said that they are not of regular occurrence in this valley region, but have probably been driven down from the oak-foothills by the heavy snows there.

- Yuba City to Live Oak (10 mi.), Sutter Co., Calif.
As we drove along hi-way U.S. 99E here, about 9:30 AM. a number of small flocks were seen — also headed west.

- approx. 3 mi W. of Pennington, Sutter Co., Calif.
Close view of 5 perched in leafless orchard trees about ½ mile from oak-grassland area at N. base of ~~[illegible]~~ Sutter Buttes.

Cogswell

1948

Zenaidura macroura

Nov. 7 - 4 mi. W.S.W. of Palo Alto, San Mateo Co., Calif.:- A flock of 6 flushed from ground on dry grassy, gentle hill slope with scattered oak trees —— not unlike area in which they winter commonly in East Pasadena, Los Angeles County, Calif. There was even a sprinkling of turkey mullein plants here too, which is one of their favorite foods according to Jepson. (Eremocarpus setigerus p. 595, "Manual of Flowering Plants of Calif.").

Dec. 21 - State Elk Preserve, just NW of Tupman, Kern Co., Calif. - 5 perched in dead willow tree at edge of canal, adjacent fields where elk were grazing. These are the first doves we have seen anywhere since leaving Berkeley + coming here via Gilroy, Los Baños + down the W. side of the valley.

1949

Mar. 20 - Gray Lodge Refuge, S.W. Butte Co., Calif. - about 20 seen, in groups of 2 to 6, all flushed from roadways near headquarters area or flying over. Cooing was regular at 6:00 AM when I got up + continued until some time after sunrise — but was heard only a few times during rest of A.M.

1950

Jan. 27 - Atascadero Lake, 1 mi. S Atascadero, San Luis Obispo Co., Calif. About 200 flushed from weedy roadside bank facing the sun. They flew in series up to nearby oak trees.

Cogswell
1949

Geococcyx californianus

Dec. 19 about 5. mi NE King City, Monterey Co., Calif.

As we drove down thru the foothills along the San Benito - King City road a roadrunner trotted across the road in front of us. As the car bore down upon it, the bird spread its wings, &, still running, took to the air, flapped ~~about~~ three times and gained sufficient altitude to clear a 1½ ft. embankment along the road, beyond which it sailed downhill out of our sight. This bird demonstrated that it could use flapping flight to gain at least a little altitude when once under way in the air.

Glaucidium gnoma

May 8 - SW side of Bass Lake, 3500' alt., Madera Co., Calif.

altho I listened for owls last night, I heard none until this morning at sunrise. I was scouting the N. facing slope above our camp site about 5:50 AM when I heard a few "hoop" calls from the base of the ridge across the canyon. The calls kept on in very indeterminate fashion for some time:

— — — — — — — →

→ — — — — —

then with long pauses before starting in again. As I approached, I began whistling & the calls became ~~the~~ of the regular slow sequence given by this species:

whup whup whup whup whup

at about 1½ sec. intervals.

As I came up close to where it was calling the sun ~~had risen~~ had risen enough to shine on the ground beneath the owl, which was soon found perched about 80 ft. up in yellow pine. As I whistled, the bird flew to another tree some 300 ft. away and perched at similar height. It resumed calling when I did & soon came back again. This was repeated 3 or 4 times, always between the same 2 trees, but once it stopped off in the top of a black oak half-way along.

Darl Bowers came up from camp & both of us saw the bird fairly well, though not from above. I could see the sharply streaked breast and the yellow eyes clearly, however.

Cogswell
1950

Megaceryle alcyon

Jan. 27. Atascadero L., 1 mi. S Atascadero, San Luis Obispo Co., Calif.
One was foraging over the lake here by the hover method, the water level being so low that no trees or other perches were available above it. The bird hovered at an unusually high position, about 80-100 ft. up, and repeated the 8-10 second hoverings at 7 or 8 different positions before returning to a perch in an oak tree well up from shore. It made no dives during this extended foraging and was silent until it neared its perch, when it gave a brief rattling cry.

Cogswell
1950

Aëronautes saxatilis

Apr. 4 Univ. of Calif., 250 ft., Berkeley, Calif. - 1 flying with the numerous Cliff Swallows about the upper part of S. side of Life Sciences Building.

Cogswell
1948

Calypte anna

Oct. 8 1700 block Walnut St., Berkeley, Calif.

1-P.M. I heard singing repeatedly in residential area where stocks, petunias, a few snap-dragons, and hibiscus were in bloom.

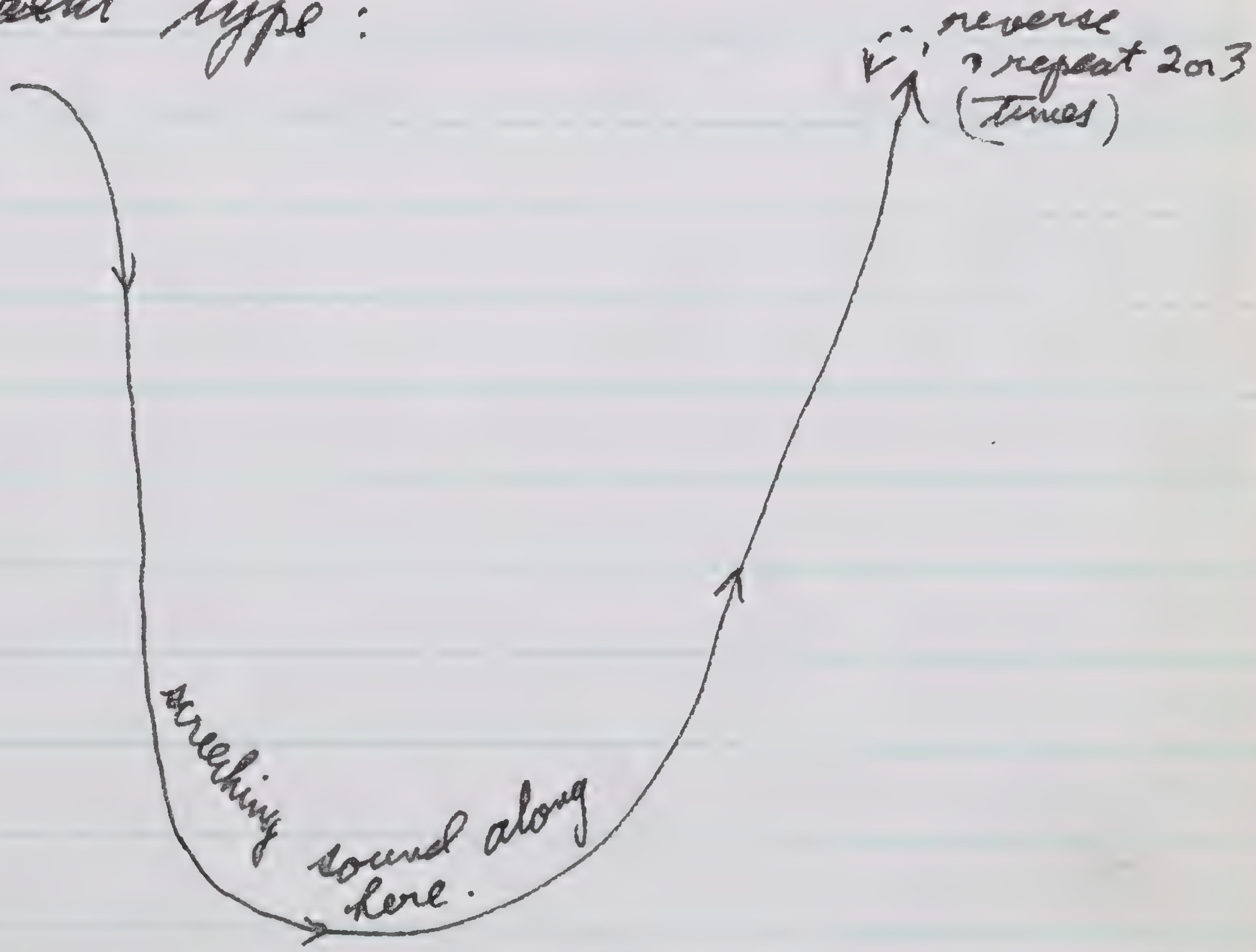
2:30 P.M. I heard singing from trees in S. end of Oxford St. Experiment Tract — about 2 short blocks from the above. (possibly the same bird?).

Cogswell
1949

Selasphorus sasin

Mar. 13. Upper Strawberry Canyon (N. facing slope), Berkeley, Alameda Co., Calif. There are at least 3 ♂'s of this species holding territory along the road which continues beyond end of Panoramic Way. Each one defended 1 or more bushes of Ribes sanguineum, which are now in full bloom. One of them drove off a trespassing ♂ Selasphorus rufus by repeated surges after him. Both this one and others were seen in the "nuptial" flight of this type:

and at least 1 definitely identified (by green back) as S. sasin was seen to perform a different type:



Cogswell
1949

Stellula calliope

Apr. 10 Jawbone Ranger Station, 3400' alt., just W. ~~near~~ Jawbone Creek, Tuolumne Co., Calif. A male was seen performing a nuptial flight over the top of willow tree next to cabin. The arc described (about 10 times) was about 30 ft. from top to bottom, and shaped thus: , then reversed. The course followed on the downsweep was steady, ~~and~~ but there was a distinct wavering on the up-hill side, especially toward the end. Instead of the "raspberry" sound which I recall as given by this sp. in San Gabriel Mtns. of southern California, this one emitted a strained, whinny-like sound as it neared and passed the bottom of the curve.

According to Jack Woolstenhulme there was a ♀ hummer perched near ~~on~~ the top of willow at the time the ♂ was performing; but I did not see her until she flew over to the sparser willow tree over our heads and buzzed around the catkins as though gathering nest material. She was very small & undoubtedly this species.

Cogswell
1949

Megaceryle alcyon

Jan. 30 - Bolinas ~~Bay~~ Lagoon, Marin Co., Calif. — 5 counted in driving from Stinson Beach N. along the east shore of bay. All of them were perched on the telephone cable line which runs along over the water near the shore. One of them was seen with a fish, apparently as long as its bill, which it dropped in attempting to swallow it. The bird then dove into the water a few feet from where the fish hit — but came up with nothing.

Cogswell
1948

1

Colaptes auratus

Nov. 27 - Jewell L., Tilden Park, Contra Costa Co., NE of Berkeley, Calif. one definitely yellow-shafted flicker flew up (from ground?) somewhere near W end of dam and alighted in rather leafless oak on hillside to N. In attempting to get into position where I could see head markings on it, I flushed it again — and did not see it afterwards. Presence of yellow appearance was easily compared with several true red-shafted also in same area at same time (one even in same tree). Since I didn't see head markings, however, it could have been an extremely dilute example of C. cafer, tho more likely this sp.

Cogswell

1949

Colaptes cafer

Feb. 22 - Union Id. & Honker Lake Tracts, western San Joaquin Co., Calif. - a seemingly unusual number of flickers were far out in the open fields here today. at least 20-25 flew up from the roadsides (especially where road built on dikes) at points where no trees were within a ½ mile radius. Many of them would fly out across the flat fields & alight on a clod of earth!

Apr. 24 - Arroyo Mocho, "wash", 4± mi. SE. of Livermore, Alameda Co., Calif. one flushed from hole in Sycamore; the nest (?) hole being on the "downhill" side of a slanting dead stub & about 10 ft. above ground.

Cogswell
1949

Dryocopus
~~Hylatomus~~ pileatus

1

along Hopland Road

Mar. 6 - Keithley Ranch, 3 mi. S. of Lakeport, Lake Co., Calif.
One flew, southward over oak woodland foothills &
alighted in snag of partly dead oak
on small knoll just S. of road. It was
calling a loud "keeek", "keek", irregularly as
it flew and for a time after alighting.
When I looked a few minutes later the bird was
gone. [- altitude here is ft.

Cogswell

1948

Asyndesmus lewisi

Oct. 16 - 1 mi. S. of Oakville, Napa Co., Calif.
An immature watched for several minutes as it flew out after passing insects several times from the top of a telephone pole. The location was a mixture of oaks, orchard trees, and grassland. This is the first I have ever seen in this plumage: bronzy black upperparts as in adult but with no gray nuchal collar and no red on face. The underparts were grayish, slightly tinged with pink.

1949

Feb. 9 - 2½ mi. N. & 1+ mi. W. of Walnut Creek, Contra Costa Co., Calif. - 1 on telephone pole along roadside. A few scattered oaks are in the vicinity. Many new houses. This bird shows a prominently light gray upper breast contrasting with the (but not abruptly demarcated) rosy belly.

Cogswell
1948

Balanosphyra formicivora

Dec. 5 Wildcat C., near foot of Canyon Dr. entrance to Tilden Park, Contra Costa Co. NE of Berkeley, Calif. One flew from trunk of young oaks & uphill to E (toward eucalyptus grove). Dr. A. H. Miller remarked that it must be a wandering bird, since this locality has no resident population of this species, being too much within the coastal fog belt.

Cogswell
1948

Sphyrapicus varius

Nov. 7 4 mi. WSW of Palo Alto, San Mateo Co., Calif.

1 came flying overhead from more ~~densely~~ treed slope south of San Francisquito Creek into scattered large oaks just N. of the creek. I followed it up and saw it fly twice, noting red head & upper breast and large white wing patch. One of Quercus agrifolia trees from which it flew had at least 50 rings of old borings on it.

Cogswell

1948

Dendrocopus pubescens

Dec. 21 - State Elk Preserve, Tupman, Kern Co. Calif. The characteristic descending "whinny" call of this species heard in willows along canal just NE of Tupman. A light drumming also heard a few minutes later probably came from the same bird. This is rather early for drumming to begin — & the weather can hardly be called spring-like either!

1949

Apr. 10 - Jawbone Ranger Sta. 3400' alt. just W. of Jawbone Creek, Tuolumne Co. Calif. A ♀ seen at close range, as it worked over a leafless black oak tree near the cabin. It called occasionally, but during a 10-15 min. period gave no evidence of nesting. Compared to my southern California impression, this is pretty high, both in altitude & in habitat (border of yellow pine forest) for this species.

Tyrannus verticalis

May 7. San Joaquin Experimental Range, alt. 1000', SSW of O'Neals, Madera Co., Calif. One pair with nest about 18 ft. up in outer branches of Quercus douglasii tree by headquarters. According to Bill Heller, who climbed the tree, the nest contained young birds — but they must have been very small, for the parents came in and fed them very quickly & spent much time brooding. A third and ? fourth kingbird across the road in small orchard caused much interference — this pair flying the 75 yards or so to do frequent noisy chases after the others.

Cogswell
1949

Sayornis nigricans

Apr. 24 - Arroyo Mocho "wash"; 4± mi. SE Livermore, Alameda Co., Calif. A pair here have nest within a barn. It is situated on side of a beam in the "cellar" of the barn, which is open to the outside by about 6 windows. I climbed thru one of these, & by standing on a bucket could just reach in the nest, which contained one egg.

Cogswell
1948

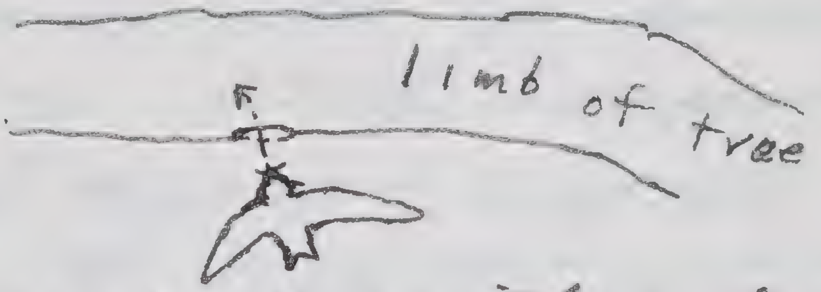
Eremophila alpestris

Dec. 21 - Carrizo Plain ~~SE~~ Southeastern San Luis Obispo Co., Calif. By far the commonest bird in this wide expanse of bare earth. 3 large flocks were estimated at 1500, 500, + 500, respectively —— but there was such a lot of circling about when they were all in the air that it was very diffiult to judge numbers.

Dec. 27 - ½ mi. W. of intersection of Lincoln Blvd. + Sepulveda Blvds., near Los Angeles airport, L. A. Co., Calif. - Flock estimated at 600, doing a lot of chasing about over field with low stubble and slight new growth of annuals (less than 1 inch high). Some were in 2's + 3's performing very rapid + close chases low over the ground with erratic twists + occasional sudden upward swoops. A few songs were heard from birds on the ground. The courting season is apparently beginning here.

Tachycineta thalassina

May 7 - San Joaquin Experimental Range, alt. 1000', Madera Co., Calif.
One (or 2?) adults were carrying nest material in small wisps into a cavity on the under side of a horizontal limb of Quercus douglasii about 15 feet up. The bird(s) would swerve in thru branches of tree canopy and past the bigger limbs & out again when we were too close; but several times one was seen to go directly into the hole without perching at the rim:



We could not reach the cavity & do not know how extensive it was within the limb. It was undoubtedly of woodpecker origin, as were 4 or 5 other holes higher up on main, nearly vertical trunks of tree.

Cogswell
1948

Iridoprocne bicolor

Dec. 21 4-5 mi. E, 1½ mi. S. of Port Hueneme, Ventura Co., Calif. About 15 were flying over shooting ponds of the Mugu Game Preserve (a gun club) on Caspar Rd. A few are apparently wintering despite the recent severe cold weather.

1949
Mar. 6 Keithley Ranch, 3 mi. S. of Lakeport, Lake Co., Calif. At least 5 flew about over ranch headquarters barns & nearby fields for several minutes at about 8:30, but then disappeared to the N. I think they were migrants just tarrying enroute [many other swallows sp.? were seen during day]. One, flying low, also over farm pond near Hopland Road.

May 7 - San Joaquin Experimental Range, 1000' alt., SSW of O'Neals, Madera Co., Calif. Several pair in vicinity of headquarters. A nest was discovered in olive tree in courtyard of building where most of the men in class slept last night. The birds were quiet going & coming — until some of us climbed the tree to inspect the nest, and even then their scolding was mild. The nest was about 15 ft. up, in crotch of several branches 1 to 3" thick, in rather open spot for Jay's nest. It held 1 nestling in bursting pinfeathers and (according to Bruce Brown) 2 eggs as well. Dr. Pitelka thinks the 2 sterile eggs & small clutch of 3 total may be due to low fertility in 1st year ♀.

Cogswell

1948

Corvus corax

Dec. 20. approx. 21 mi. S. Mendota, Fresno Co. Calif.
A flock (or perhaps I should say an aggregation) of about 80 was on the ground near hi. tension lines until we drove up. They did not appear to be feeding, & the country is so barren I don't see what there would be for so many to eat anyway. [See also in journal, reference to this sp. and Golden Eagle].

Dec. 21. Carrizo Plain, southeastern San Luis Obispo Co., Calif. 163 seen (by actual count) during our drive from point where road from McKittrick comes out on the alluvial fan on east side of the valley to SE end of the plain. The largest group seen "together" was 50 — at a ranch house, where some were walking about among chickens not more than 200 ft. from some of outlying ranch buildings & certainly within gunshot range of the house!

Cogswell

1948 # *Corvus brachyrhynchos*

Oct. 16 - 1½ mi. S. of St. Helena, 250'+, Napa Co., Calif.

Flock of 36 flew east across hi-way 29 at a height of about 300 feet in early P.M.

- approximately 2 mi. S. of Novato, Marin Co., Calif.

A close flock of at least 80 birds were feeding on some sort of insects which they frequently chased by a quick step or two to the side. This was in dry stubble field at inland edge of plain sloping up from salt-water estuary. They were accompanied by a small flock of *Euphagus cyanocephalus* and *Agelaius phoeniceus*.

Nov. 21 Upper Lake Ranger Station, Lake Co., Calif.

A straggling flock of about 50 birds flew up from field area W of Upper Lake & went off to the NE. just before sunrise. (morning flight of blackbirds in different direction: - see *Agelaius phoeniceus* & *Euphagus cyanocephalus*).

Cogswell
1948

Parus rufescens

Nov. 27 - Jewell L., Tilden Park, Contra Costa Co., NE of Berkeley, Calif. One heard, and finally seen well enough to see head patches of dark & white, in willows just S. of pond.

Dec. 5 One heard calling "zw-eep" repeatedly from near the same spot as above. Dr. Miller called it down close, by imitating its note & "squeaking," to where all of us had a good view of it from all sides.

Cogswell
1948

Parus inornatus

Oct. 8 N. of Life Sciences Bldg., Univ. of Calif. Berkeley
1 which had been calling repeatedly from broad-leaved trees was once seen flycatching out to a point some 20 - 30 feet from the upper canopy of the trees.

1949

Apr. 1 - 55 Canyon Rd., S. side lower Strawberry Canyon, Berkeley, Alameda Co., Calif. - one carrying nesting material into a (natural?) cranny 5 ft. up on N. side of trunk of a 15-20 ft. Sambucus tree by water hydrant at this address. The nest site is well shaded by dense live oak canopy. A ♂ titmouse sang nearby.

Apr. 24 - Arroyo Mocho, SE. Livermore, Alameda Co., Calif. A pair are making frequent visits to a cavity in the heartwood of broken off limb of Quercus douglasii about 10 ft. up, though whether carrying anything in bill I could not determine. The spot is at 8.70 mi. marker (from junction of Mines & Tesla Rds.) & about 10 mi. SE of Livermore., at alt. of   . This species' song was the most frequent bird voice heard all the way from the lower wash to well up on final slope of Mt. Hamilton itself.

Chamaea fasciata

Nov. 21 Upper Mahnke Ranch, 2100-3300', 7 mi. S + 1+ mi. W Kelseyville, Lake Co., Calif. A few songs and more frequent "k-rrr-r"-ing notes disclosed a number in this chaparral, which in general aspect is quite like my study area above Arcadia, Los Angeles Co., Calif. Wren-tits are, however, either less abundant here, or their greater silence at this time of year makes them more difficult to find.

Nov. 27 Jewell L., Tilden Park, Contra Costa Co. NE of Berkeley, Calif. - an estimated 15 heard, and a few of them seen, in chaparral on slope W + NW of pond. Most of them were simply calling "k-rrrr". Several typical ♀ type songs were heard; only 1 full ♂ song.

Dec. 18 Tomales Point, Marin Co., Calif. 2 ♀♀ heard "singing" from bush lupine + Baccharis chaparral on slopes less than 1 mi from outermost (N.W.) end of point.

Dec. 26 Mt. Wilson, alt. 5730', San Gabriel Mts., Los Angeles Co., Calif. - Both ♂ + ♀ type of song heard from steep ridge (chaparral covered) 1000 ft. or so below Echo Pt. There was a little snow on the ground where the birds were singing, + the temperature where we were (on Echo Pt.) was approximately 28°F., with an occasional stiff wind gust from SE.

Chamaea fasciata

Dec. 26 (cont.) directly against the ridge whence the birds sang. This whole scene seems to be not conducive to song; but there they were, and it was at this same spot which Taylor & Mall said they heard a poor-will call on Dec. 27, 1947.

1949

Jan. 13. near Life Sciences Bldg., Univ. of California, Berkeley, Alameda Co., Calif. – Full song of the male type heard early in afternoon — the first I've heard since before the recent 2 weeks of very cold weather. It is much warmer this P.M., with scattered high cumulus clouds.

Cogswell
1949

Cinclus mexicanus

Apr. 9 - Lumsden Bridge, 1875' alt., middle fork of Tuolumne River, Tuolumne Co., Calif. - A nest (in use, according to T. Risley) was seen from the downstream side of the bridge. It was placed on a slight ledge in an almost vertical rock wall (with no other ledges) about 8 ft. above the water, with nest entrance facing the stream.

Apr. 10 - ~~Corral~~ Jawbone Creek, 3500' alt., Tuolumne Co., Calif. 1 heard calling as it flew downstream at 5:40 AM. Margins of creek well wooded; water nearly clear, stream about ~~20~~ 15 feet wide with many jutting rocks & few logs in it.

1948 Troglodytes aëdon

Dec. 29 Dume Point, Los Angeles Co., Calif. — 1 seen well in short scrubby (lupine?) bushes at top of sea cliff on outermost part of point. It was giving the same call note which I just learned on the 27th at Los Angeles: a rasping bzeeeee, similar in duration to a gnatcatchers (blue-gray) note but lower pitched, harsher, & not so petulant.

Dec. 30 S. end of Morro Bay, San Luis Obispo Co., Calif. 1 seen (& heard giving same call) in sparse scrub growth on slope of high dunes between bay & open ocean beach.

1949

Jan. 30 Marin Co. Park at Stinson Beach, Marin Co., Calif. The same "bzeeee" call note described on Dec. 29 was heard several times from brush piles & vines around base of trees. I finally located the bird and saw it give the call once —— it was a House Wren all right & in this area, behaving much like those that winter at San Gabriel River Wildlife Sanctuary in southern California — keeping close to the ground in the now nearly leafless tangle.

[Jan. 31 - I note that neither Avifauna # 27 nor # 18 mention any winter records for this sp. from Marin Co. & "arrival" is usually in late March]

Cogswell

1949

Telmatodytes palustris

Jan. 29 - ½ mi E. (or ENE?) of Alviso, Santa Clara Co., Calif. This species was the hardest to flush from its retreats in the dried Salicornia & other weeds along the dikes in marsh at high tide (when these dikes are the only spots of dry ground). They would sometimes stay under a mat of vegetation until we crashed down about 2 feet away; & if we skirted the spot more carefully, would not fly at all. Fully 10 or so were seen in about 1000 feet of dike + some length of roadside at edge of the tidal marsh which was chiefly a mixture of Spartina & Salicornia, but now entirely under water. None were seen in the area of dry Salicornia inland from the diked road, where stagnant fresh water provided a pseudo-marsh. No songs were heard from any wrens.

Mar 19-20 - Gray Lodge Refuge, S.W. Butte Co., Calif. - many heard singing (& scolding) in all of thicker cat-tail & tule areas. Only a few were glimpsed. No nests seen, but no definite search made.

1948 Toxostoma redivivum

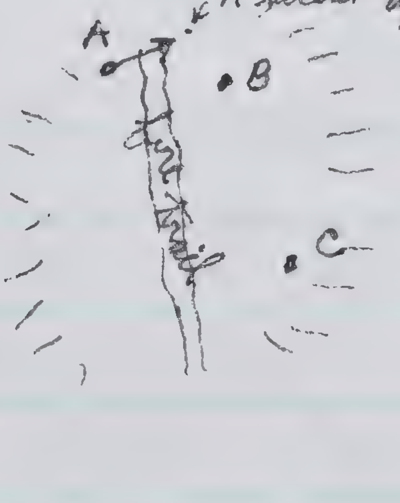
Nov. 21 Upper Mahnke Ranch, 2200', 7 mi. S & 1+ mi W. of Kelseyville, Lake Co., Calif. One bird in chaparral above ranch buildings was whisper-singing in mid PM. Another heard calling (loud "p-lick").

1949

Feb. 22 Arroyo Mocho Canyon, Alameda Co., Calif. 2 flew across road & into a patch of brush below the " . The general vicinity was much more open (grazed) than normal for this species.

Mar. 6 Keithley Ranch, 3 mi. S. of Lakeport, Lake Co., Calif. In the chamise & Ceanothus chaparral here (at about 'alt.) this is the only species in song. They are obviously already on territory — as many as 3 songs heard from different directions at a time and all are singing steadily (11-12 AM). On the crest of the ridge E of Scott Creek there were 3 singing birds about 50 ft. (between A & B) and 150 ft. (B to C) apart, each on a separate slope:

x A silent after we forced him to here.



Turdus migratorius

1948

Oct. 8 - Near West Gate, Univ. of Calif., Berkeley, Calif.: Several heard "whisper-singing" from high up in eucalyptus trees at about 8:45 AM. The sky was partly cloudy, temperature about 65° F.; very warm day yesterday.

Oct. 13 - 800 block, Indian Rock Ave, Berkeley, Calif. at least 5, possibly many more, perched on wires, shrubbery, or feeding on Pyracantha berries.

Nov. 7 - 4 mi. W. S.W. of Palo Alto, San Mateo Co., Calif. only 1 recorded (heard only) in 1½ hrs. spent in area rich in berry type of food. Plenty of Photinia, snowberry, poison oak, and some coffeeberry.

Nov. 21 - Lakeport to just W Kelseyville, Lake Co., Calif. A large straggling flock estimated at about 2000 birds flew restlessly thru pear orchards along highway, some coming down to ground & some to perches in trees. A new green growth of herbs (chiefly grasses) just covers the bare ground. A few pears, appearing rotten, are still on the trees.

Lower & Upper Mahnke Ranches 4¾ mi S & 1 mi W and 7 mi S & 1+ mi W, respectively, of Kelseyville, Lake Co., Calif. Relatively few in these areas despite apparent abundant berry food. Some were feeding on berries of Photinia arbutifolia, but there were no large flocks here. max. about 60 in a flock

Turdus migratorius

Mar. 2 - Univ. of Calif. campus, Berkeley, Alameda Co., Calif.
I just realized today, after 2 or 2½ das. of intermittent rain, that the big flocks of robins which were so conspicuous on the lawns near west Gate + flying overhead toward roosts (presumably in Berkeley Hills eucalyptus groves) during February are no longer here.

Cogswell
1948

Ixoreus naevius

Nov. 13 Jewell L., Tilden Regional Park, Contra Costa Co., NE of Berkeley, Calif.
at least 6 seen, probably many more present, in woods SW of lake. All but one of those seen were feeding on berries of a single large madrone tree. Only 1 gave any call note: this one uttered a single "tschook" as it perched momentarily on a large branch of a live oak after flying up from on or near the ground in front of me.

Nov. 27 none, that I was sure of, at above locality.
Sequoia Park, E. part of Oakland, Alameda Co., Calif.
Common in a small area at edge of dense redwood grove. Several large oaks and madrones were the dominant trees in the area, and the thrushes were mostly flying from the madrones as we approached.

1949

Apr. 10 near Jawbone Ranger Sta., 3500' alt., Stanislaus Nat'l Forest, Tuolumne Co., Calif. - When I "squeaked" to attract some warblers from bushes, a ♀ Varied Thrush came in from area of mixed yellow pine & Ceanothus - manzanita chaparral and alighted momentarily on small, fallen log under bushes, about 15 feet in front of me; but it took immediate alarm upon sighting me & flew to lower branch 20 ft. up in yellow pine and scolded me with the usual "tschook" note:

Cogswell
1948

Sialia mexicana

Nov. 7. 4 mi. W.S.W. of Palo Alto, San Mateo Co., Calif.
Flock of 6 settled into top of oaks on ridge S. of San Francisquito Creek. Many oak moths flying all about them were apparently not recognized as food — and are apparently not taken by any bird according to John Harville, who has been studying the moth for years & is getting his M.A. on it at Stanford University.
Another flock of 5 or 6 bluebirds, seen 1/2 mi. further to N. may have been the same ones.

Cogswell

1948

Regulus satrapa

Nov. 13 - Jewell L., Tilden Regional Park, Contra Costa Co., NE of Berkeley, Calif.
2 seen and another heard at same time in coast live oaks (Q. agrifolia) along bridle trail SW of lake. They call frequently and one came to my squeak so that I had a good view of its yellow crown & black & white stripes on side of head. They paid no attention to dozens of oak moths fluttering all around them.

1949

Mar. 5 - 3/4 mi. E. of Spruce St. entrance, Tilden Regional Park, Contra Costa Co., Calif. - I heard the single and 3-4 noted "see-see-see" calls of this sp. from among oaks just E. of main part of Wildcat Canyon.

Cogswell
1948

Regulus calendula

Oct. 15 - Eucalyptus grove near W. Gate, Univ. of Calif., Berkeley. my first one of the season heard calling "jid-it" several different times.

Cogswell
1948

Anthus spinoletta

Nov. 5 - Oxford St. Exp. Tract, Berkeley, Alameda Co., Calif.
11:50 - a flock of at least 18 rose gradually from among the small orchard trees in the middle part of the tract, and after circling once, dropped down again in the more open N. end.

Dec. 21 - 1 mi. E, 1–2 mi. S. of Buttonwillow, Kern Co., Calif.; also between 1 & 4 mi. W. of " " " "
Several flocks seen, totalling a good 2000 or more. Most of this area is covered with dried up cotton, but the pipits were all seen in or over the few green (alfalfa?) fields.

(1950)

Apr. 5 just S Coalinga, Fresno Co., Calif. - single, closely-massed flock of about 100 flying low over & later on the ground in an irrigated alfalfa field.

Feb. 13 - Point Reyes "peninsula", Marin Co. Calif.
Starting, about 9:45 AM, at the head of Drake's Estero where the road to Pt. Reyes crosses it, we began our search for the Starlings seen in this area by Gullion last Tuesday. By driving slowly along the road & checking every flock of blackbirds & meadowlarks seen, we progressed to the ranch NW of the head of Barrie's Bay & there found a flock of about 12-15 Starlings perched on the telephone wires & pole at the entrance road to ranch buildings. Several were in semi-glossy plumage, others seemed to be in the dull gray of the immature. All flew shortly after we got out of the car & disappeared over the hills to the SW. Our request to the rancher (owner's wife?) for collecting priv. was immediately & firmly denied.

Just N. of the Gallagher Ranch, further toward the "point", another flock of 15-20 Starlings were seen in flight & on the ground at a distance. Gallagher also refused us admittance to his property — tho was much friendlier and seemed interested in our project. We left a request for him to notify us if he shot a Starling himself — in order

Feb. 13 Point Reyes "peninsula", Marin Co., Calif. (cont.)
that we might get a specimen that way.
There seems to be a general agreement
among the property owners here to
keep all hunters off the land, & we could
not make them see the difference between
collection of a scientific specimen &
general hunting.

On the low "pass" opposite the school,
still further toward the point another
flock of 10-15 birds were seen, at least
4 (probably all) of which were Starlings,
as they were seen well on the ground.
Then at the Mendoza Ranch, still further
toward the point, at least 7 other
Starlings were seen at the closest range
yet. These were mixed in a flock
of Euphagus cyanocephalus, Agelaius
phoeniceus & Sturnella neglecta which
were feeding among the cows on hillsides
near a watering trough & feeding area.
Yellowish spots on the plumage of one
bird, and a yellowish tinge to the bill
were noted as it perched momentarily
on a bush not over 100 feet from us.

All these Starlings seem very wary and
will not allow any close approach on
foot, but we expect numbers to arrive in next
few years & make conditions somewhat different.

Cogswell
1949

Vermivora celata

Dec. 4 — Gray Lodge Refuge, S.W. Butte Co., Calif.

In the twiggery at the base of a 20 ft. willow tree along Butte Creek here. I heard the characteristic sharp "tchip" note of this species. Squeaking brought it up for a close view — by me and by Ken Schulz, who was with us. The bird was only moderately yellow below, with definite but fuzzy dusky olive streaks on the breast, throat + chest more nearly pure yellow. Another (?) bird was heard almost immediately afterward at some distance in the willow riparian woodland, which here is perhaps 100 ft. deep, with trees not quite giving a closed canopy.

[I note only 1 good "winter" record for the species in Pac. C. Avifauna 27]

Cogswell
1948

Dendroica coronata

Nov. 13 · Near Jewell Lake, Tilden Regional Park, Contra Costa Co., NE of Berkeley, Calif.

At least 3 seen and/or heard. The one which first called "tilp" I squeaked up to within close enough range so that I could see it was not a Townsend or Black-throated Gray, & the next came so close I could see white throat and bright yellow breast & crown patches. All were foraging in lower branches of willows and oaks plus in shrubs and tall herbs beneath the tree canopy.

Nov. 27 · A conservative estimate of 10 seen and/or heard. The light "tilp" call was heard all thru the oak-madrone & on lower part of chaparral slope W of pond. Every time I followed it up, it turned out to be emanating from a myrtle warbler. They are certainly more common at this locality at this date than Audubon's, of which about 4 or 5 were seen or heard.

Cogswell

1948

Dendroica auduboni

Oct. 12 - University of Calif., Berkeley, Calif.
First of the season heard, near West Gate; but may have been present for some time as I haven't been out to cover the area thor'ily for over 2 weeks.

Dec. 30 2/3 to 2 mi. SW of San Luis Obispo, S.L.O. Co., Calif.
One compact flock (!) of about 25 was feeding on the lawn of a cemetery at the edge of town. They hopped over the grass, jumping first one way + then the other to pick up something from among the grass blades. No insects were being caught in the air (morning is still COLD!). Other such compact flocks were seen along farm country roadsides near Laguna School, these flocks (10±, + 25± estimated in them) foraging, like the first, with apparent disregard for nearby trees, by flitting along in + over the weeds + grass.

Cogswell
1949

Dendroica nigrescens

Apr. 9 S. Fork Tuolumne River, 1800± alt., Tuolumne Co. Calif.:
In a little side canyon along road here, with live-oak, blue oak + digger pines as habitat, one ♂ of this species was singing. A few yellow pines were nearby.

Cogswell
1949

Geothlypis trichas

Mar. 20 Gray Lodge Refuge, S.W. Butte Co., Calif. - only 1 heard singing (& none seen!) in all the parts of this seemingly good habitat, with lots of cat-tail & tule, that we covered.

Cogswell
1949

Xanthocephalus xanthocephalus

Mar. 19-20 Gray Lodge Refuge, S.W. Butte Co., Calif. - a good number (perhaps 100+) were seen in ~~[illegible]~~ cat-tails and/or tules near "towers" in refuge at dusk — going to roost among many red-wings. Of the masses of blackbirds passing over me going eastward between 6 & 6:30 A.M., on 20th, only one flock containing yellow-heads (200 est.) was seen. ♀ plumaged birds outnumbered ♂'s.

1948

Agelaius phoeniceus

U.S.F.S.

Nov. 21 · Ranger Station, Upper Lake, Lake Co. Calif.
Several flocks, this sp. + Euphagus cyanocephalus mixed, flew N to NW overhead at about sunrise, perhaps coming from roosts near upper end of Clear Lake + going out to fields to feed.

Dec. 20 · 5 mi. N. Dos Palos, Merced Co. Calif.
[See journal for note on aerial maneuvers of flock].

Dec. 29 · near Harris Station, 13 mi. S. Santa Maria, Santa Barbara Co., Calif. a single massed flock estimated to contain at least 3000 of this species and a few hundred E. cyanocephalus was feeding on, or flying from, short-stubble field along hi-way #1. Females outnumbered males at least 2-1 in the flock, but many immature ♂s + several fully adult ones were seen.

1949

Mar. 20 - Gray Lodge Refuge, S.W. Butte Co. Calif. - The vast majority of hordes of blackbirds roosting in cat-tails + tules here are this species. I estimated at least 3000 seen, but perhaps there were 10x as many. No. tricolor were seen; but see Xanthocephalus. In the morning nearly all the flocks had left the marsh by 7:00 AM. Feeding is apparently done outside of the refuge — on adjacent pasture + grain fields.

Cogswell

1948

Agelaius tricolor

Dec. 20 · 5 mi. N. Dos Palos, Merced Co., Calif.
[See note in journal regarding flight maneuvers of flock].

Dec. 21 · Caspar Rd., N. (about 1 mi.) of W. end of Laguna Mugu, Ventura Co., Calif. — at least 1 ♂ in flock of A. phoeniceus.

Dec. 30 · 2+ mi. SSW. of San Luis Obispo, S.L.O. Co., Calif. — at least 5 adult ♂'s on wires & in fields with flock of A. phoeniceus & E. cyanocephalus near Laguna School. 1 of them was "singing" somewhat weakly [the usual "braying"], as were several of the Com. Red-wings.

Cogswell
1949

Icterus bullockii

Apr. 24. Arroyo Mocho, SE of Livermore, Alameda Co., Calif. At a point in the sycamore - blue oak woodland at 4 mi. or so from Livermore, this sp. is quite numerous. At least four ♂♂ are in a stretch of 1/2 mi. or so of the wash, all of them singing to some degree, and 2+ ♀♀. One nest, completed to the extent of an outer shell, was found about 18 feet up in outer branches of a sycamore.

Farther up, at the first ranch along the ~~S~~.E. side of the canyon proper (8.7 mi. from junction Mines Rd. + Tesla Rd.) several more were singing + chattering; and a fight was observed between 2 ♂♂. It took place in the lower branches of 2 different blue oaks, one bird being temporarily pushed over on his back. Both gave a bright, cheery, sounding "zrink" call note constantly during the tussle. This lasted for about 2 minutes while we watched.

Cogswell

1948

Euphagus cyanocephalus

Nov. 21 · U.S.F.S. Ranger Station, Upper Lake, Lake Co., Calif.
(see note under: Agelaius phoeniceus)

1949

Apr. 24 · Arroyo Mocho, 4 mi. ± SE Livermore, Alameda Co. Calif.
Several pair here in sycamore - willow - ~~Baccharis~~ Baccharis - & grass of open "wash." One nest was shown to me, in a willow tree, & situated about 12 feet from the ground on an easily climbed to branch. It was a large, well made nest, lined with dead grasses, and contained 3 light bluish green eggs abundantly speckled & blotched with reddish brown. [no conifers within sight at this point].

1948

Molothrus ater

Oct. 16 - 3 mi. s. of Napa, Napa Co., Calif. - alt.-< 20'. at least 2 males, and 2 (slightly questionable) females were picked out of a mass of blackbirds feeding around cattle corral along hiway 29. Brown heads & short bills of ♂'s seen clearly. They carried their tails at an angle considerably above the horizontal while feeding.

Dec. 27 - Slauson Ave., 1 block E of Jefferson Ave., SW. slope of Baldwin Hills, Los Angeles, L.A. Co., Calif. at least 12 counted (about 50-50 ♂ & ♀) amid flock of Brewer's Blackbirds at a riding stable.

Dec. 29 - 3½ mi E, 2 mi S. of Santa Ynez, Santa Barbara Co., Calif. - at least 1 ♂ seen in flock of Brewer's Blackbirds perched in leafless walnut tree at farm along edge of Santa Ynez valley.

Dec. 30 - 2+ mi. SSW of center of San Luis Obispo, S.L.O. Co., Calif. at least 2 ♂'s identified (as in all the above, by small size, brown head, conical bill, dark eye) from among Red-wings on wires by roadside SE of Laguna School. One of the birds gave, weakly, the "gluck-seeeee" song.

1949

Mar. 20 - Gray Lodge Refuge S.W. Butte Co., Calif. - at least 3 were among the flocks of blackbirds flying eastward from marshes in early A.M. These were picked out by high, glassy whistles — & 2 were seen well enough to see short bill & brown head.

Cogswell
1948

Carpodacus purpureus

Nov. 21 Lower Mahnke Ranch, 4 3/4 mi S & 1 mi W Kelseyville Lake Co., Calif. Several (15± est.) feeding, with goldfinches, on seeds of over-matured garden plants & on ground around cow-barn & around house. They were exceptionally tame & allowed approach to within about 20 feet before flying.

Cogswell
1949

Spinus tristis

Feb. 22 - just S. Walnut Creek, Contra Costa Co., Calif. - a flock of about 50 were feeding on ground at roadside in walnut orchard area. Some of the males were beginning to show bits of bright yellow on sides of head & on back.

Cogswell
1948

Spinus lawrencei

1650'

Nov. 21 Lower Mahnke Ranch, 4 3/4 mi S & 1 mi. W of Kelseyville, Lake Co., Calif. at least 2 ♂ & 2 ♀ with small flock of S. psaltria, which had been feeding on cabbage seeds (& others too I suppose) in over-matured & frost-bitten garden. I first noted the Lawrencei by hearing the "tink-oo" call note while I was 300-400 ft. away near the creek. I came back to the garden & found the whole flock perched in small, near-leafless tree — with the 4 Lawrence's slightly off to themselves above the green-backs. All were then studied at about 40 ft. with 9x binoculars.

Cogswell
1948

Pipilo fuscus

Oct. 15 - West Gate "circle", Univ. of Calif., Berkeley Calif.
11:35 – 11:50 A.M. - one watched as it foraged on lawn between sidewalk and curb along which autos were parked with shadows created over about 1/10 to 1/8 of the lawn strip. The towhee foraged exclusively by scratching and inspection of the grass and debris thus scattered and also exclusively in the shade of the parked cars. It was frightened twice by approaching pedestrians and each time flew or ran quickly across an intervening sunny portion of lawn to more shade. It once crossed such a sunny area without being alarmed. It paid no attention to heads of dandelion (Taraxacum sp.) seeds within a foot of its head.

Dec. 24 - 1236 - 6th St., Santa Monica, Los Angeles Co. Calif.
1 heard giving full song:
o o o o o o o o o o o o o o o o
repeatedly at dawn.

1949

Apr. 10 - near Jawbone Ranger Station, Jawbone Creek, 3400'+ alt. Tuolumne Co., Calif. 2 pairs were found here — both birds of each pair staying close to each other in their movements to scold me (when I squeaked) and in foraging. Both pairs were in tall dense Ceanothus cuneatus shrub areas at the border of open yellow pine forest.

1949 Ammospiza caudacuta nelsoni

Jan. 29 - ½ mi. E. (or ENE?) of Alviso, Santa Clara Co. Calif.

The San Jose group of bird enthusiasts who had this bird located really have done a fine job of it. The area where it has been seen [repeatedly since Jan. 16; first found by David Cutler on Dec. 27] is at the edge of a wide salt marsh consisting chiefly of Spartina & Salicornia in more or less mixed growth. A road running easterly from Alviso separates the tidal portion from an area of pure Salicornia, now dead, to the south where stagnant "fresh" water supported some green algae and hosts of small flies — but no birds except a few Savannah Sparrows (& these along the roadside ditch) and resting Avocets. Mr. James G. Peterson, who seemed to have the movements of the bird well studied, says he has seen the Sharp-tail in this salicornia; but that when it is disturbed it takes refuge in a certain bush on the bank of the tidal marsh by the roadside. This bush (species?) is about 2½ feet high — a foot or so above most of the others nearby — and it has an open tunnel-like space on the ground under it. Peterson had a trap set by this bush and another some 20 feet away along the bank. We had covered up & down

1949 *Ammospiza caudacuta nelsoni*

Jan. 29 (p2) the road on both sides & along a dike running at rt.-angles N. from the road as well as out in the "stagnant" marsh salicornia S. of the road to no avail. However the rising tide had inundated all of the bases of the marsh plants by the time we had arrived & was still coming in at 1:30 PM., at which time (approx.) a Mrs. Wool, who was watching the traps, called that the Sharp-tailed Sparrow had gone in & out of the one by the critical bush without tripping the trigger — and then taken refuge in the Spartina beyond the first bit of open water.

Gullion & I donned hip boots & waded out around it. The bird soon flushed back to the "home" bush where both he & I had a good look at it thru binoculars — and Mrs. Beatrice Neilson, who had her head over the top of the bank just above the bush, was not over 5 feet from the bird. We came out leaving it in the bush, but attempts then to get it up where the 4 cameras which were available (including an Exacta with a 20 inch lens attached!) could be brought to bear on it only resulted in the bird flying along the dike directly toward me — & then veering out into the Spartina again. A further wading effort yielded nothing.

Cogswell
1949

Ammospiza caudacuta nelsoni

Jan. 29 (p.3) The bird does not fly far at a time (not nearly so far as a Savannah will often go); and there were few connected pathways for foot travel in the by now "floating" dead vegetation — nor between the too sparse growth of live Spartina. Elude us it did, however, & so no photograph was obtained. Those present (see Journal) will all be able to vouch for the identity as to species — for it is a well-marked bird — and I even feel sure it is of one of the "inland" subspecies: "nelsoni" according to criteria given for separating same given by Forbush "Birds of Mass", Pough, & Peterson in their respective Eastern bird books.

~~Compared to~~

Cogswell
1949

Passerculus sandwichensis

Jan. 29. 1/2 mi. E (or ENE?) of Alviso, Santa Clara Co., Calif.: Far more common than the sharp-tails (one) here today; & though they sit more in the open to look at you, they also fly much further when finally disturbed. Some even traveled 1/2 mile or so across the marsh to dikes at a distance from us. The Savannahs varying from a very pale grayish brown with slight yellow on head to rich brown & black, with heavy yellow wash both above & below cheek, and with blackish breast streaks. Probably 15-25 birds seen on or near 1/8 mile ± of dike & 1/4 mile ± of roadside.

Cogswell
1949

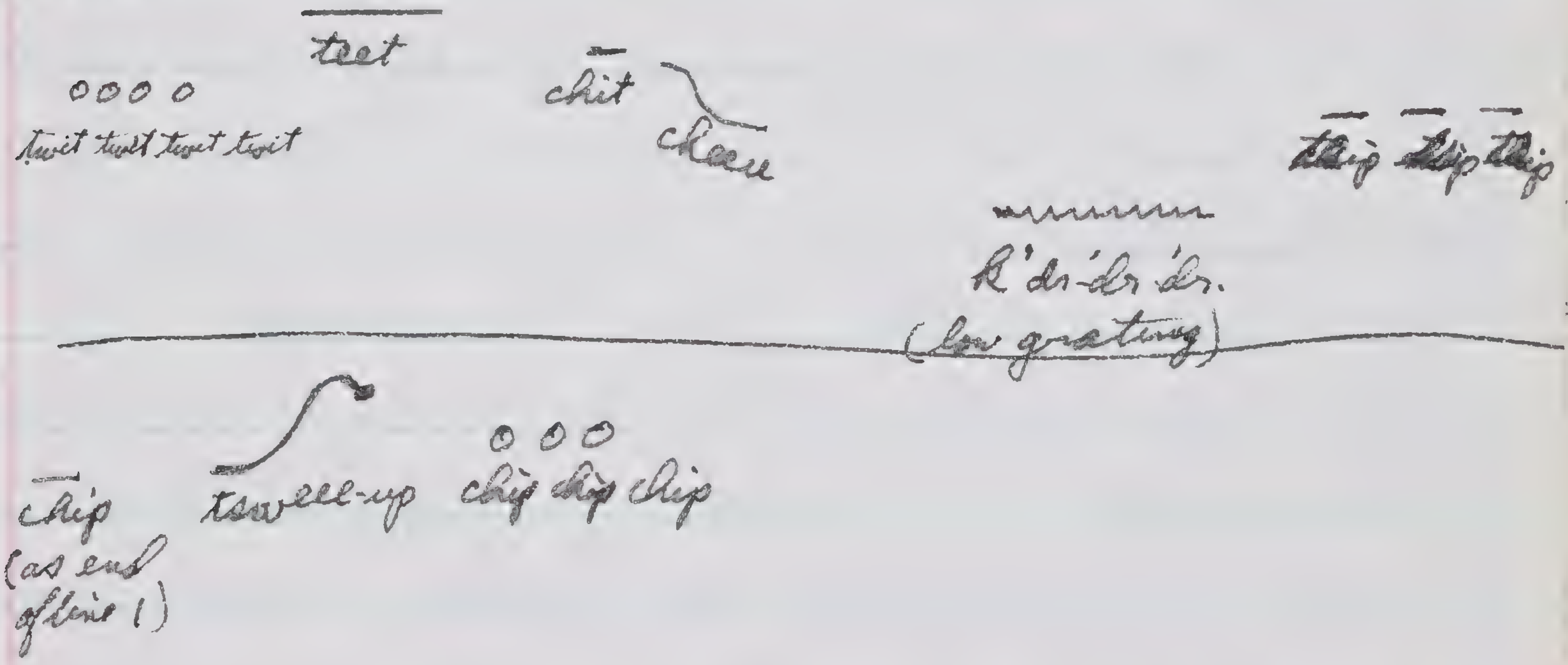
Pooecetes gramineus

Feb. 6 - approx. 3 mi. W of Pennington, northern Sutter Co. Calif.
One flushed from roadside in area of orchard trees and seen well (including white tail feathers, rufous bend of wing, & streaked breast) as it perched momentarily on fence wire. It was the only Vesper seen, altho Savannahs were common nearby.

Cogswell
1949

Chondestes strigatus

Feb. 22 7 mi. SE of Livermore, alt., Alameda Co., Calif.
In a leafless bushy tree by the roadside at 2nd bridge across arroyo Mocho there were at least 3 ♂'s singing (probably several more) steadily in typical chorus. I transcribed typical parts of the song of 1 bird which I had in view at the time:



These parts were given in all different sequences; ~~[illegible]~~ I could write down only about 4 or 5 notes at a time before losing track.

Apr. 10 - Jawbone Ranger Sta., 3400' alt., just W. of Jawbone Creek, Tuolumne Co., Calif. - 1 singing from bush in door-yard of cabin — a bit of suitable habitat in other-wise chaparral or yellow-pine forested area.
- on Jawbone Ridge, about 3 mi. W. of the above locality: 2 were singing from few small bushes in center of lava area of grassland & much over-grazed & browsed area of this winter deer range. alt. about 4000'.

Cogswell
1949

Chondestes strigatus

May 7. San Joaquin Experimental Range, 1000' alt. 3 mi. S. 1+ mi. W. of O'Neals, Madera Co., Calif. At 5:40 AM as I was walking along the road by headquarters here (just before sunrise at this particular spot) a ♀ flew down and alighted on top wire of fence followed immediately by ♂ who alighted atop her! Mounting thus was direct without previous perch elsewhere. The ♂ sang a soft warbled phrase of 4 or 5 notes during the 2-3 second period following his arrival, as he fluttered his wings. Then he flew to a brace wire of the fence for about 10-12 seconds, was silent there, and then returned & alighted next to the ♀ but immediately fluttered up and mounted her again. The soft warble, fluttering, and duration same as before. ♀'s tail to left, ♂'s tail down and slightly spread. Copulation, I assume was successful on this or both instances. ♀ uttered no note that I could discern 75 ft. away. Both birds dropped to bare area in grass near patch of amsinckia and commenced foraging.

(Bruce Brown observed what was probably the same pair in similar activity about 1½ hours later).

Cogswell
1948

Amphispiza belli

Nov. 21 - Ridge S of upper Mahuke Ranch, 3 ', 8± mi. S. & 1+ mi. W. Kelseyville, Lake Co., Calif. In area of chaparral regrown to knee height (after fire 3+ yrs. ago according to Mr. Mahuke) near grassy area on summit of ridge, I was sure I heard the light "tick" call note of this species — at two different times. But I couldn't get sight of the bird.

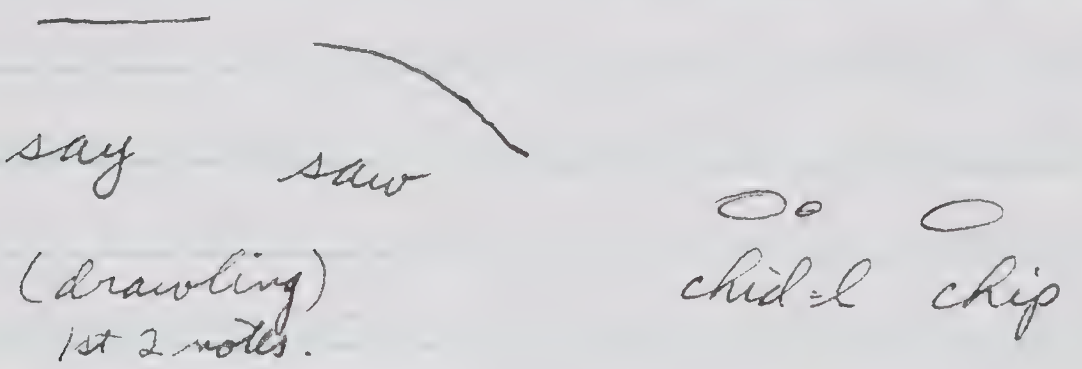
1949

Apr. 2 - 1+ mi SSW Mt. Diablo peak, 2300±, Contra Costa Co. Calif. - While engaged in making a transect thru breast high Adenostoma - Ceanothus chaparral on N.E. facing slope, we were "surrounded" by at least 3 birds of this species. Two were singing, with slightly less regular "sewing" to the songs than I have noted in southern California, a third bird, closely associated with one of the singing ones right near us was probably the ♀ of the pair in whose territory we were crashing thru the brush. Dr. Pitelka says the species has been in this spot for at least the last 5 years. The shrub cover is now at about the same height & density as on our Gould Mesa study area (1942) near Pasadena — from which they disappeared upon further growth of shrubs & near closure of the canopy in the next 4 years. Today one called a harsh "zweeu" several times as well as ordinary "tick" calls.

Cogswell
1948

Zonotrichia leucophrys ssp.

Oct. 8 - Oxford St. Experiment Tract, Berkeley, Calif.
A song heard repeatedly from at least 2 different birds which I do not recognize as of proper pattern for either *Z. l. gambelii* or *Z. l. nuttallii*. I transcribe it thus:



It is possible, I suppose, that this different song pattern may distinguish birds from another breeding locality — perhaps within the realm of *Z. l. pugetensis*?

Oct. 12 - University of California, Berkeley, Calif.
Same sort of song as above heard from bird in shrubbery S. of Life Sciences Bldg.

1949

Apr. 3 - Asilomar, shore of Monterey Peninsula, Monterey Co., Calif.
All birds on dune shrubs were active in mid-day, males in full song. One circuitous chase occurred over an area about 80 ft. in diameter [the ♂ chasing a bird which had not been singing (= ♀?); but not at all vigorously].

Cogswell
1948

Zonotrichia coronata

Oct. 9 - N.E. of Life Sciences Bldg., Univ. of Calif., Berkeley
12:20 - 12:40 P.M. - 1 heard singing repeatedly, the usual 3 notes in minor key: — — —.
Dull day, heavy overcast; no wind.

Dec. 21 - State Elk Preserve, Tupman, Kern Co., Calif.
1 seen in tall weeds at "picnic area" of State Park. It was in sub-adult plumage; i.e., some black showing thru gray-brown of edges of crown, center of crown pure yellow. This lowland locality far from any chaparral hillsides seems far removed from the normal habitat of the species as I know it.
[Jan. 5, '49] - This habitat normal according to Grinnell & Miller's "Distribution of Birds of Calif."

Cogswell
1948

Passerella iliaca

Nov. 27 Jewell L., Tilden Park, Contra Costa Co., NE of Berkeley, Calif. Fairly common in brush along W shore and up the slope to the W, judging from number of heavy "tchip" calls heard. One bird watched for a few minutes was eating berries of *Rhus diversiloba* obtaining them as they hung on the leafless bush, by simply perching nearby and reaching out for them with its neck extended. One loss of balance occurred while I watched.

1949

Jan. 30 - Marin Co. Park at Stinson Beach, Marin Co., Calif. About 5 seen here, mostly in brush tangles along the ditched stream thru the park. One seen, well at a range of about 8 feet had a very rich brown cast to all the breast spottings which coalesced over the upper breast to form an irregular mass of brown. The bill was dusky gray

Mammals

Cogswell
1949

Enhydra lutra

July 17 - Just S. mouth of Malpaso Creek, on coast of Monterey Co., Calif. Came here about 5 PM with Laidlaw Williams with the express purpose of seeing Sea Otters — and he pointed them out almost as soon as we left the cars. About 15 - 17 of them were resting and playing about in kelp beds beyond the offshore rocks when we arrived.

When resting they lie on their backs with head and feet out of the water, but they frequently roll over slowly. One hauled himself out on mass of kelp on his belly & wriggled across it & into water again. There was much gentle diving & surfacing going on all along; but the distance ~~was~~ is too great to check on details of what they are doing.

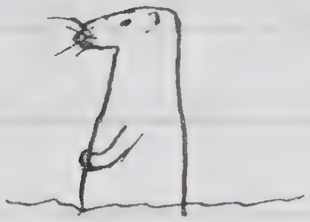
By about 5:30 several of the group had scattered out & were noted swimming along the surface, leaving a wake behind, or diving under the big swells. Finally two have come in close to shore and for several minutes we have watched them lying on their backs with 1 sea urchin (so large it must be Strongylocentrotus franciscanus) resting in the middle of their belly & another held by the forepaws while they munched on it. After a few nibbles, they invariably roll over, but come belly up again with both urchins still in place. Mr. Williams pointed out that ~~the~~ one hind flipper is, in such cases, apparently held up

Cogswell
1949

Enhydra lutra

July 17 (cont.) mouth of Malpaso Cr., Monterey Co., Calif.
over the urchin, clasping it to the belly. I did see one hind flipper held in such a position after a roll by 1 of them.

One of the oddest sights is seeing the otters rising up out of the water vertically:

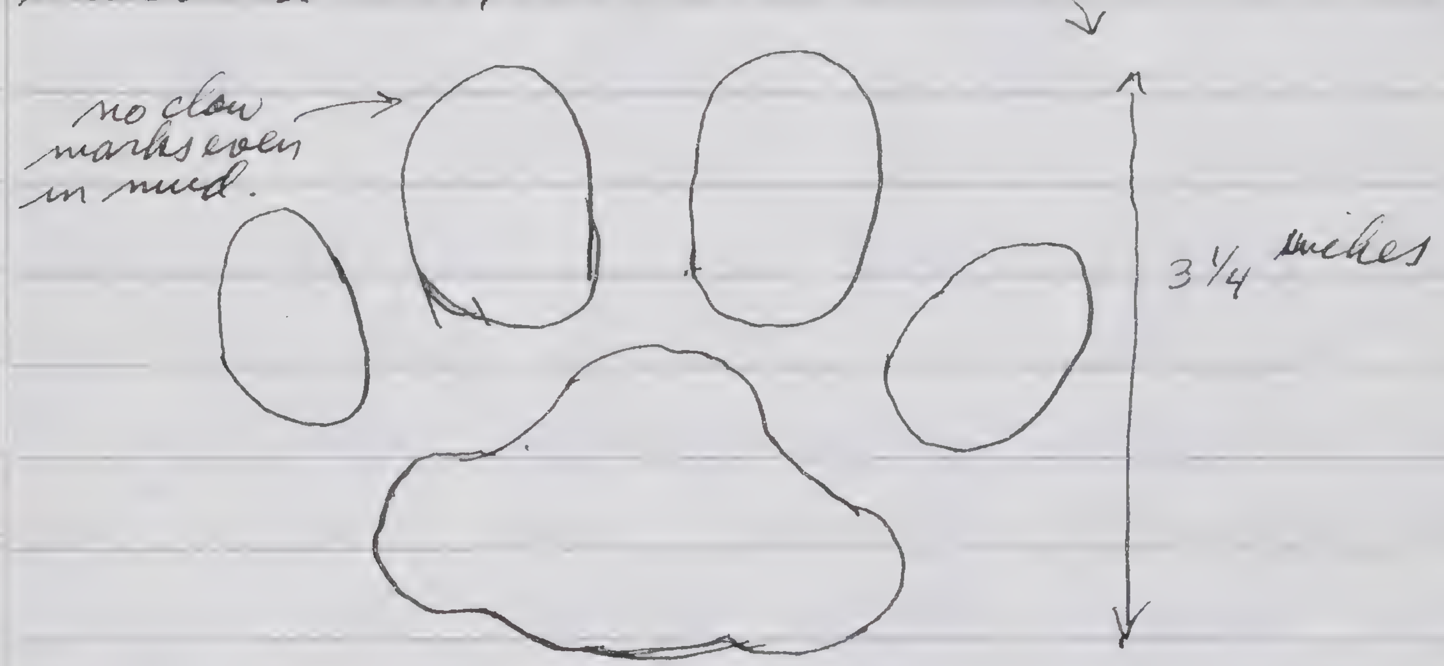


and looking about like so many prairie dogs.

Cogswell
1949

Felis concolor

Dec. 22 3200 ft., ridge between Little Dalton + Monroe Canyons, NNE Glendora, L.A. Co., Calif. A cat trail in the mud + moist earth of ~~the~~ the firebreak + truck trail was examined carefully because of the size of the prints. From the mid-~~___~~point of the foot pad at the back, to the anterior end of the longest toe measured 3¼ inches:



Deer tracks were plentiful along the same route, which ~~__~~ runs along the W. boundary of the San Dimas Experimental Forest.

1948 Cervus nannodes

Dec. 21 - State Elk Preserve, Tupman, Kern Co., Calif.
On the flats in SW. corner of preserve between town of Tupman and point where road to Buttonwillow crosses the canal, we counted about 30 bucks, all with antlers (2-7 prongs seen) and 17 does and 2 fawns about 1/3 to 1/2 grown. The bucks were scattered in small groups or singly in the area between willows along the canal & the high fence bounding the preserve. Some were lying down fairly close to the fence, but got up & walked slowly away when we got out of car ~~we~~ & walked toward the fence. All seemed to be in good condition with fine coats & sedate carriage.

The does were all (except 1) in one group which walked up out of a small arroyo & into the open grassland just about when we had decided there were very few, if any, does around. One of the fawns was with this group, the other following the single doe, which was with a small group of bucks at a different locale.

How much personal care by the state these elk get I do not know, but they

1948 Cervus nannodes

Dec. 21 - (cont'd.) seem to be existing, at least in a major way, more or less naturally even though inside a fence. The preserve is large enough (about 2 sq. mi. according to Auto Club of So. Calif. map of Kern Co.) to make their chance of survival here seem likely for some time provided no reduction in fertility occurs.

1950

Apr. 5 - see Journal (no stop — but drove by & saw a few)

Cogswell
1949

Odocoileus columbianus

Feb. 13. Tomales Point peninsula, Marin Co., Calif. A count of deer seen from the road enroute from Pierce Ranch headquarters to junction with Pt. Reyes road on Inverness ridge yielded a total of 47.

Mar. 6. Keithley Ranch, 3 mi. S. of Lakeport, Lake Co., Calif. A doe with one 2/3 grown fawn was jumped from border of oak grassland area — they took off down slope into tall brush of a small gully & up thru the protective cover on other side. They seemed quite well. Many deer tracks & droppings in this area [which is being staked out by group working on Pittman-Robertson deer management program].

Cogswell
1949

Odocoileus hemionus

Apr. 10 - Jawbone Ridge, 3500'-4000', Tuolumne Co., Calif.
Watched a doe get inspected, blood-sampled, weighed, tagged & ear-clipped by T. Riney & associates here today. Their work, to be published, eventually on I suppose, obviates detailed notes unneccessary. On the open grassland of the lava area near top of ridge, Riney counted 105+ deer — of which I saw about 90. "Fawns" are now approaching 2/3 the size of adults & ~~separating~~ distinguishing them at a distance is difficult. Pelage of these deer is still grayish in appearance, tho the molt is in progress we are told. A wide-spread condition of brittleness of the hair makes a lot of the sides & hip region light gray, due to wearing off of the longer hair. Such patchy coats are supposedly indicative of poor health — as the over-browzed range here certainly is — but the real cause thereof is unknown.